

08/26/02

Scientific and Technical Information Center

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Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

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Type of Search

Vendors and cost where applicable

Searcher: _____	NA Sequence (#) _____	STN _____
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Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

3/9/1

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14464905

Basic Patent (No,Kind,Date): EP 506400 A2 19920930 <No. of Patents: 276>

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9335520 A1 19930930

COMMUNICATION SYSTEM (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925

Applic (No,Kind,Date): AU 9335520 A 19930326

IPC: * H04L-027/36; H04L-027/38; H04N-007/20; H04N-005/40;
H04N-005/455; H04L-027/34; G11B-020/12

Language of Document: English

Patent (No,Kind,Date): AU 9459052 A1 19941020

COMPATIBLE HDTV SATELLITE BROADCASTING SYSTEM (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A
19930510; JP 93261612 A 19930924; JP 93349972 A 19931227

Applic (No,Kind,Date): AU 9459052 A 19940325

IPC: * H04N-007/20; H04N-007/12; H04N-005/40; H04N-005/455;
H04B-007/204; H04B-007/216; H04B-007/17; H04L-001/00; H03M-013/00

Derwent WPI Acc No: ; G 94-342258

Language of Document: English

Patent (No,Kind,Date): AU 655539 B2 19941222

COMMUNICATION SYSTEM (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925

Applic (No,Kind,Date): AU 9335520 A 19930326

IPC: * H04L-027/36; H04L-027/38; H04N-007/20; H04N-005/40;
H04N-005/455; H04L-027/34; G11B-020/12

Derwent WPI Acc No: * G 93-305235; G 94-103292

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): AU 660123 B2 19950608

COMMUNICATION SYSTEM (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD

Author (Inventor): OSHIMA MITSUAKI

Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A
19930510; JP 93261612 A 19930924

Applic (No,Kind,Date): AU 9459052 A 19940325

IPC: * H04N-007/20; H04N-007/12; H04N-005/40; H04N-005/455;
H04B-007/204; H04B-007/216; H04B-007/17; H04L-001/00; H03M-013/00

Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258

Language of Document: English

CANADA (CA)

Patent (No,Kind,Date): CA 2092495 AA 19930927

COMMUNICATION SYSTEM (English; French)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925

Applic (No,Kind,Date): CA 2092495 A 19930325

IPC: * H04B-007/24; H04N-005/76; H04N-009/80

Language of Document: English

Patent (No,Kind,Date): CA 2106919 AA 19940326

COMMUNICATION SYSTEM (English; French)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): CA 2106919 A 19930924
 IPC: * H04J-004/00
 Derwent WPI Acc No: * G 93-305235
 Language of Document: English
 Patent (No,Kind,Date): CA 2113842 AA 19940722
 RECORDING AND REPRODUCING APPARATUS (English; French)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP); TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): CA 2113842 A 19940119
 IPC: * G11B-007/24; G11B-007/125; G11B-005/10
 Derwent WPI Acc No: * G 93-313529
 Language of Document: English
 Patent (No,Kind,Date): CA 2113877 AA 19940722
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME (English; French)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI (JP); USHIGOME HISASHI (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): CA 2113877 A 19940120
 IPC: * G11B-007/24; G11B-007/26
 Derwent WPI Acc No: * G 93-313529
 Language of Document: English
 Patent (No,Kind,Date): CA 2119983 AA 19940926
 COMMUNICATION SYSTEM (English; French)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924; JP 93349972 A 19931227
 Applic (No,Kind,Date): CA 2119983 A 19940325
 IPC: * H04N-007/12
 Derwent WPI Acc No: * G 94-103292
 Language of Document: English
 Patent (No,Kind,Date): CA 2226398 AA 19940722
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME (English; French)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): USHIGOME HISASHI (JP); KOMODA HIDEAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): CA 2113877 A3 19940120; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): CA 2226398 A 19940120
 IPC: * G11B-007/00; G11B-007/28
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451
 Language of Document: English

CHINA (CN)

Patent (No,Kind,Date): CN 1066946 A 19921209
 DIGITAL COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP)
 Priority (No,Kind,Date): JP 9162798 A 19910327; JP 91182236 A 19910723
 Applic (No,Kind,Date): CN 92102955 A 19920327
 IPC: * H04B-001/00; H04N-007/13
 Derwent WPI Acc No: * G 92-325674

Language of Document: Chinese
 Patent (No,Kind,Date): CN 1075024 A 19930804
 RECORDING/REPRODUCING EQUIPMENT (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9213809 A 19920129; JP 92280874 A 19920925
 Applic (No,Kind,Date): CN 93100918 A 19930128
 IPC: * G11B-011/00
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1076816 A 19930929
 SYSTEM OF COMMUNICATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): TAISHIMA MITSUTERU (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92246070 A 19920925
 Applic (No,Kind,Date): CN 93102721 A 19930325
 IPC: * H04B-007/00; H04N-007/12; H04N-011/00
 Derwent WPI Acc No: * G 93-305235
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1085680 A 19940420
 RECORD REPLAYING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TANAKA MICHIO (JP); SHIMIZU RYOSUKE (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A 19920925; JP 92282666 A 19921021; JP 92331300 A 19921211
 Applic (No,Kind,Date): CN 93105219 A 19930326
 IPC: * G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G 94-242360; G 95-341616; G 96-062972; G 98-181451
 JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136; 180618P000070
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1096389 A 19941214
 RECORDING AND REPRODUCING APPTS. (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO TOSHIKAZU (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 93314114 A 19931119
 Applic (No,Kind,Date): CN 94101055 A 19940121
 IPC: * G11B-011/12
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 94-250560
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1098810 A 19950215
 APPARATUS FOR REGENERATION OF RECORDING AND RECORDING MEDIUM AND MANUFACTURE OF SAME (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI (JP); USHIGOME HISASHI (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 93314114 A 19931119
 Applic (No,Kind,Date): CN 94101336 A 19940121
 IPC: * G11B-007/24; G11B-011/12
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 94-250560; G 95-116722
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1099544 A 19950301
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93261612 A 19930924

Applic (No,Kind,Date): CN 94103352 A 19940325
 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1119895 A 19960403
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
 REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
 DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 93335165 A 19931228; JP 94299508 A
 19941202
 Applic (No,Kind,Date): CN 94191566 A 19941228
 Derwent WPI Acc No: * G 95-246541
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1127049 A 19960717
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
 INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): JP 94104879 A 19940418; JP 94283415 A
 19941117
 Applic (No,Kind,Date): CN 95190313 A 19950418
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
 ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
 96-268785
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1138915 A 19961225
 MARKING GENERATING APPTS., METHOD OF FORMING LASER MARKING ON OPTICAL
 DISK, REPRODUCING APPTS., OPTICAL DISK AND OPTICAL DISK PRODUCING
 METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC INDUSTRIAL (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIHO GOTOH (JP)
 Priority (No,Kind,Date): JP 94283415 A 19941117; JP 9516153 A
 19950202
 Applic (No,Kind,Date): CN 95191218 A 19951116
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1166223 A 19971126
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL PRODUCING DEVICE, ENCRYPTED
 COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIO GOTOH (JP); SHINICHI
 TANAKA (JP)
 Priority (No,Kind,Date): JP 96211304 A 19960809; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): CN 96191182 A 19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1173942 A 19980218
 OPTICAL DISK, OPTICAL REOCORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
 COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIHGO GOTOH (JP);
 SHINICHI TANAKA (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): CN 96191826 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Chinese
 Patent (No,Kind,Date): CN 1250278 A 20000412

TELECOMMUNICATION SYSTEM (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): MITSUTERU DAIJIMA (JP)

Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924

Applic (No,Kind,Date): CN 99108470 A 19990616

IPC: * H04J-001/00; H04L-027/00; H04N-011/24

Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258

Language of Document: Chinese

Patent (No,Kind,Date): CN 1032099 B 19960619

SYSTEM OF COMMUNICATION (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): TAISHIMA MITSUTERU (JP)

Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): CN 93102721 A 19930325

IPC: * H04B-007/00; H04N-007/12; H04N-011/00

Derwent WPI Acc No: * G 93-305235; G 94-103292

JAPIO Reference No: * 180486E000144

Language of Document: Chinese

Patent (No,Kind,Date): CN 1036952 B 19980107

RECORD REPLAYING APPARATUS (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): MITSUAKI OSHIMA (JP); MICHIO TANAKA (JP);

RYOSUKE SHIMIZU (JP)

Priority (No,Kind,Date): JP 938596 A 19930121; JP 9268031 A

19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP

92280874 A 19920925; JP 92282666 A 19921021; JP 92331300 A

19921211

Applic (No,Kind,Date): CN 93105219 A 19930326

IPC: * G11B-013/04

Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G

94-242360; G 95-341616; G 96-062972; G 98-181451

JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136; 180618P000070

Language of Document: Chinese

Patent (No,Kind,Date): CN 1045036 B 19990908

TRANSMISSION APPARATUS (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): MITSUAKI OSHIMA (JP)

Priority (No,Kind,Date): JP 9162798 A 19910327; JP 91182236 A

19910723; JP 91155650 A 19910529; JP 9195813 A 19910425

Applic (No,Kind,Date): CN 92102955 A 19920327

IPC: * H04B-001/00; H04N-007/13

Derwent WPI Acc No: * G 92-325674; G 97-195354

JAPIO Reference No: * 180152E000002

Language of Document: Chinese

GERMANY (DE)

Patent (No,Kind,Date): DE 69223541 CO 19980129

SIGNALUEBERTRAGUNGSSYSTEM (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A

19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP

9260739 A 19920317

Applic (No,Kind,Date): DE 69223541 A 19920326

IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34

Derwent WPI Acc No: * G 92-325674; G 97-195354

JAPIO Reference No: * 180152E000002

Language of Document: German

Patent (No,Kind,Date): DE 69426795 CO 20010412

AUFZEICHNUNGS- UND WIEDERGABEGERAET (German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 93205682 A 19930727; JP 94104879 A

19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP

93314114 A 19931119

Applic (No,Kind,Date): DE 69426795 A 19940727
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
 ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
 95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
 01-018026
 Language of Document: German
 Patent (No,Kind,Date): DE 69610859 CO 20001207
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): DE 69610859 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69610860 CO 20001207
 OPTISCHE SCHEIBE DIE INFORMATION IN DER FORM EINES STRICKODES TRAEGT
 (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): DE 69610860 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69610861 CO 20001207
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): DE 69610861 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69611906 CO 20010405
 OPTISCHE PLATTE MIT STRICKODE (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123; WO 96JP1303 W 19960515
 Applic (No,Kind,Date): DE 69611906 A 19960515
 IPC: * G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10;
 G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69613010 CO 20010628
 OPTISCHES AUFZEICHNUNGSGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): DE 69613010 A 19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: German
 Patent (No,Kind,Date): DE 69613011 CO 20010628
 OPTISCHES AUFZEICHNUNGSGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): DE 69613011 A 19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69223541 T2 19980409
 SIGNALUEBERTRAGUNGSSYSTEM (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): DE 69223541 A 19920326
 IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: German
 Patent (No,Kind,Date): DE 69610859 T2 20010315
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): DE 69610859 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69610860 T2 20010315
 OPTISCHE SCHEIBE DIE INFORMATION IN DER FORM EINES STRICKODES TRAEGT (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): DE 69610860 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69610861 T2 20010315
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): DE 69610861 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
 Patent (No,Kind,Date): DE 69611906 T2 20010621
 OPTISCHE PLATTE MIT STRICKODE (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)

Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
19960123; WO 96JP1303 W 19960515
Applic (No,Kind,Date): DE 69611906 A 19960515
IPC: * G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10;
G11B-020/00; G06F-001/00
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: German

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DE 69223541 P 19980129 DE REF CORRESPONDS TO (ENTSPRICHT)

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TRANSLATION OF PATENT
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PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST
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OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE
DASS EINSPRUCH ERHOBEN WURDE)

DE 69426795 P 20010412 DE REF CORRESPONDS TO (ENTSPRICHT)

DE 69610859 P 20001207 DE REF EP 637016 P 20010412
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DE 69610859 P 20010315 DE 8373 EP 1003162 P 20001207
TRANSLATION OF PATENT
DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND
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EINGEGANGEN UND VERÖFFENTLICHT WORDEN)

DE 69610860 P 20001207 DE REF CORRESPONDS TO (ENTSPRICHT)

DE 69610860 P 20010315 DE 8373 EP 1005034 P 20001207
TRANSLATION OF PATENT
DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND
HAS BEEN PUBLISHED (UEBERSETZUNG DER
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EINGEGANGEN UND VERÖFFENTLICHT WORDEN)

DE 69610861 P 20001207 DE REF CORRESPONDS TO (ENTSPRICHT)

DE 69610861 P 20010315 DE 8373 EP 1005035 P 20001207
TRANSLATION OF PATENT
DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND
HAS BEEN PUBLISHED (UEBERSETZUNG DER
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DE 69611906 P 20010405 DE REF CORRESPONDS TO (ENTSPRICHT)

DE 69611906 P 20010621 DE 8373 EP 807929 P 20010405
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HAS BEEN PUBLISHED (UEBERSETZUNG DER
PATENTSCHRIFT DES EUROPÄISCHEN PATENTES IST
EINGEGANGEN UND VERÖFFENTLICHT WORDEN)

DE 69613010 P 20010628 DE REF CORRESPONDS TO (ENTSPRICHT)

DE 69613011 P 20010628 DE REF EP 1005026 P 20010628
CORRESPONDS TO (ENTSPRICHT)

EP 1005027 P 20010628

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 562875 A1 19930929

MULTIRESOLUTION QAM SYSTEM (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 93302369 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/34; H04N-007/13
 Derwent WPI Acc No: ; G 93-305235
 Language of Document: English
 Patent (No,Kind,Date): EP 617531 A1 19940928
 MULTIREOLUTION TRANSMISSION SYSTEM. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924
 Applic (No,Kind,Date): EP 94302149 A 19940324
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/34; H04L-005/06; H04L-027/18; H04N-007/13
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G 94-311606
 Language of Document: English
 Patent (No,Kind,Date): EP 689200 A1 19951227
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK, REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): WO 94JP2304 W 19941228; JP 93335165 A 19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP 94156089 A 19940707; JP 94299508 A 19941202
 Applic (No,Kind,Date): EP 95904033 A 19941228
 Designated States: (National) DE; FR; GB; IT
 IPC: * G11B-007/007; G11B-020/12; G11B-013/04; G11B-007/00; G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 706174 A1 19960410
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): WO 95JP760 W 19950418; JP 94104879 A 19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP 9515318 A 19950201; JP 9516865 A 19950203
 Applic (No,Kind,Date): EP 95915345 A 19950418
 Designated States: (National) DE; FR; GB; NL
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 96-268785; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 741382 A1 19961106
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK PRODUCING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): WO 95JP2339 W 19951116; JP 94283415 A 19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
 Applic (No,Kind,Date): EP 95938017 A 19951116
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G 97-236119
 Language of Document: English

Patent (No,Kind,Date): EP 802527 A1 19971022
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Priority (No,Kind,Date): WO 96JP2924 W 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 96932845 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English

Patent (No,Kind,Date): EP 807929 A1 19971119
 OPTICAL DISK, BAR CODE FORMATION METHOD FOR OPTICAL DISK, OPTICAL DISK REPRODUCTION APPARATUS, AND MARKING METHOD, LASER MARKING METHOD FOR OPTICAL DISK, AND METHOD OF OPTICAL DISK PRODUCTION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): WO 96JP1303 W 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 96915172 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English

Patent (No,Kind,Date): EP 971345 A1 20000112
 OPTICAL DISK, METHOD FOR RECORDING AND REPRODUCING WRITE-ONCE INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK RECORDING DEVICE (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA M (JP); KONISHI SHINICHI (JP); TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP); MURAKAMI MOTOYOSHI (JP)
 Priority (No,Kind,Date): WO 97JP4664 W 19971217; JP 96339304 A 19961219; JP 979318 A 19970122; JP 97259110 A 19970924
 Applic (No,Kind,Date): EP 97949124 A 19971217
 Designated States: (National) DE; FR; GB; IT; NL
 IPC: * G11B-011/10; G11B-007/00; G06F-012/14
 Derwent WPI Acc No: * G 98-363034
 Language of Document: English

Patent (No,Kind,Date): EP 973335 A1 20000119
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 99119278 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731; G 00-108239
 JAPIO Reference No: * 180152E000002
 Language of Document: English

Patent (No,Kind,Date): EP 975168 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3
 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A
 19920317
 Applic (No,Kind,Date): EP 99119266 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731; G 00-184726
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 975169 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3
 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A
 19920317
 Applic (No,Kind,Date): EP 99121006 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731; G 00-184727
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 975170 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3
 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A
 19920317
 Applic (No,Kind,Date): EP 99121007 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731; G 00-184728
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 975171 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3
 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A
 19920317
 Applic (No,Kind,Date): EP 99121008 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731; G 00-118426
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 975172 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3
 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A
 19920317

Applic (No,Kind,Date): EP 99121024 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
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 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 975173 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3
 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A
 19920317
 Applic (No,Kind,Date): EP 99121025 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731; G 00-184730
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 975174 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3
 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A
 19920317
 Applic (No,Kind,Date): EP 99121026 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
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 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 1003162 A1 20000524
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000103257 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005023 A1 20000531
 OPTICAL REPRODUCING DEVICE FOR THE REPRODUCTION OF ENCRYPTED
 INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102965 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

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 Patent (No,Kind,Date): EP 1005024 A1 20000531
 OPTICAL REPRODUCING DEVICE FOR THE REPRODUCTION OF ENCRYPTED
 INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102966 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005025 A1 20000531
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
 (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102967 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005026 A1 20000531
 OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND
 PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102968 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005027 A1 20000531
 OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND
 PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102969 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005028 A1 20000531
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION
 SYSTEM AND PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)

Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102971 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc.No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005033 A1 20000531
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000101774 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005034 A1 20000531
 AN OPTICAL DISK CARRYING BARCODED INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000101775 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005035 A1 20000531
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000104818 A 19960515
 Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
 IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1006516 A1 20000607
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000105014 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1006517 A1 20000607
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000106447 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1024478 A1 20000802
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102970 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1028422 A1 20000816
 AN OPTICAL DISK, AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); KOISHI KENJI (JP); OSHIMA MITSUAKI (JP); MORIYA MITSURO (JP); TANAKA SHINICHI (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000109898 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1028423 A1 20000816
 AN OPTICAL DISK, AN OPTICAL BARCODE FORMING METHOD, AN OPTICAL DISK REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); KOISHI KENJI (JP); OSHIMA MITSUAKI (JP); MORIYA MITSURO (JP); TANAKA SHINICHI (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000109899 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1030297 A1 20000823
 AN OPTICAL DISK AND AN OPTICAL DISK RECORDING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000110461 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

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 Patent (No,Kind,Date): EP 1031974 A1 20000830
 AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000112310 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1049334 A1 20001102
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 96119060 A3 19920326; EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 2000114691 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04L-027/34; H04N-007/04
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 506400 A2 19920930
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI - KATSURA (JP)
 Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 92302627 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/13; H04N-007/04
 Derwent WPI Acc No: ; G 92-325674
 Language of Document: English
 Patent (No,Kind,Date): EP 555031 A2 19930811
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9213809 A 19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A 19920925
 Applic (No,Kind,Date): EP 93300695 A 19930129
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-013/04
 Derwent WPI Acc No: ; G 93-251292
 Language of Document: English
 Patent (No,Kind,Date): EP 564187 A2 19931006
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TANAKA MICHIO (JP); SHIMIZU RYOSUKE (JP); KODO TOSHIKAZU (JP)
 Priority (No,Kind,Date): JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A 19920925; JP 92282666 A 19921021; JP 92331300 A 19921211; JP 938596 A 19930121
 Applic (No,Kind,Date): EP 93302365 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

IPC: * G11B-013/00; G11B-011/10; G11B-023/03; G11B-013/04
Derwent WPI Acc No: ; G 93-313529
Language of Document: English
Patent (No,Kind,Date): EP 589709 A2 19940330
MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 93307575 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/34; H04N-007/13; H04L-005/06; H04L-027/18
Derwent WPI Acc No: * G 93-305235
Language of Document: English
Patent (No,Kind,Date): EP 608126 A2 19940727
INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING SAME. (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI (JP); USHIGOME HISASHI (JP)
Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119
Applic (No,Kind,Date): EP 94300403 A 19940119
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * G11B-013/04; G11B-023/44
Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; C 94-236841
Language of Document: English
Patent (No,Kind,Date): EP 609013 A2 19940803
RECORDING AND REPRODUCING APPARATUS. (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP); TANAKA MITIRO (JP); TAN SATOSHI (JP)
Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119
Applic (No,Kind,Date): EP 94300402 A 19940119
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02; G11B-023/00; G11B-023/36
Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; G 94-242360
Language of Document: English
Patent (No,Kind,Date): EP 609617 A2 19940810
RECORDING AND REPRODUCING APPARATUS. (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP); TAN SATOSHI (JP); KUWAMOTO MAKOTO (JP)
Priority (No,Kind,Date): JP 938596 A 19930121; JP 93205682 A 19930727; JP 92321063 A 19921201
Applic (No,Kind,Date): EP 93309619 A 19931201
Designated States: (National) BE; DE; FR; GB; NL
IPC: * G06F-001/18
Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
Language of Document: English
Patent (No,Kind,Date): EP 637016 A2 19950201
RECORDING AND REPRODUCING APPARATUS. (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 93205682 A 19930727; JP 94104879 A

19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 94305557 A 19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00 ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G 01-018026; G 95-116722
 Language of Document: English
 Patent (No,Kind,Date): EP 766478 A2 19970402
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 96119060 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 833319 A2 19980401
 DISC-SHAPED RECORDING MEDIUM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP); TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No,Kind,Date): EP 94300402 A3 19940119; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 97118775 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; G 98-181451
 Language of Document: English
 Patent (No,Kind,Date): EP 844611 A2 19980527
 OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI (JP); USHIGOME HISASHI (JP)
 Priority (No,Kind,Date): EP 94300403 A3 19940119; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 98100524 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-020/00; G11B-013/04; G11B-007/007; G11B-007/24
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 844612 A2 19980527
 APPARATUS FOR REPRODUCING INFORMATION FROM AN OPTICAL DISC (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI (JP); USHIGOME HISASHI (JP)
 Priority (No,Kind,Date): EP 94300403 A3 19940119; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 98100525 A 19940119

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IPC: * G11B-020/00; G11B-013/04; G11B-007/24; G11B-007/007
Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
Language of Document: English
Patent (No,Kind,Date): EP 1035693 A2 20000913
MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114572 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1035694 A2 20000913
MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114573 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-005/44
Derwent WPI Acc No: ; G 01-063437
Language of Document: English
Patent (No,Kind,Date): EP 1035695 A2 20000913
MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114575 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24
Derwent WPI Acc No: ; G 01-063438
Language of Document: English
Patent (No,Kind,Date): EP 1035696 A2 20000913
MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114577 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/34; H04L-027/26; H04L-027/18; H04N-007/24
Derwent WPI Acc No: ; G 01-063439
Language of Document: English
Patent (No,Kind,Date): EP 1035697 A2 20000913
MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510

Applic (No,Kind,Date): EP 2000114578 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/34; H04L-027/18; H04L-027/26; H04N-007/24
 Derwent WPI Acc No: ; G 01-063440
 Language of Document: English
 Patent (No,Kind,Date): EP 1035698 A2 20000913
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): EP 2000114579 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/34; H04L-027/26; H04N-007/24
 Derwent WPI Acc No: ; G 01-063441
 Language of Document: English
 Patent (No,Kind,Date): EP 1039672 A2 20000927
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
 (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): EP 2000114576 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507; G 00-589072
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039673 A2 20000927
 MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
 MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114689 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 00-589073
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1039674 A2 20000927
 MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
 MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114690 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G

00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 00-589074
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039675 A2 20000927
MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114692 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 00-589075
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039676 A2 20000927
MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114694 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 00-589076
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039677 A2 20000927
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING, WITH
MULTICARRIER MODULATION (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114696 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441; G 00-589077
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039678 A2 20000927
MULTIRESOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114697 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;

IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 00-580985
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039679 A2 20000927
MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French ; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114698 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34 ; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 00-589078
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039680 A2 20000927
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH MULTICARRIER MODULATION (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114699 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34 ; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 00-580986
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039681 A2 20000927
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING, WITH MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114701 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34 ; H04N-007/34
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 00-580987
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039682 A2 20000927

MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114702 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34 ; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441; G 00-580988
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1045541 A2 20001018
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114700 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34 ; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G 01-063441
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1049282 A2 20001102
MULTIRESOLUTION MODULATION WITH MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114574 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/34; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1049283 A2 20001102
MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French ; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114693 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34 ; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G

00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1049284 A2 20001102
MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114695 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1050879 A2 20001108
RECORDING AND REPRODUCING APPARATUS WITH MEANS FOR ENCRYPTION OF
INFORMATION (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 94305557 A3 19940727; JP 93205682 A
19930727; JP 94104879 A 19940418; JP 94156089 A 19940707; JP
93297504 A 19931102; JP 93314114 A 19931119
Applic (No,Kind,Date): EP 2000115017 A 19940727
Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
IPC: * G11B-020/00; G06F-001/00; G11B-007/00; G11B-013/04; G11B-019/02
; G11B-023/28
Derwent WPI Acc No: ; G 01-018026
Language of Document: English
Patent (No,Kind,Date): EP 506400 A3 19930526
SIGNAL TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI - KATSURA (JP)
Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A
19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
9260739 A 19920317
Applic (No,Kind,Date): EP 92302627 A 19920326
Designated States: (National) DE; FR; GB; NL
IPC: * H04N-007/13; H04N-007/04
Derwent WPI Acc No: * G 92-325674
Language of Document: English
Patent (No,Kind,Date): EP 555031 A3 19951115
RECORDING AND REPRODUCING APPARATUS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9213809 A 19920129; JP 9242558 A
19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP
92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A
19920925
Applic (No,Kind,Date): EP 93300695 A 19930129
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * G11B-013/00; G11B-011/10; G11B-013/04
Derwent WPI Acc No: * G 93-251292; G 93-313529
JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
180522P000136; 180618P000070
Language of Document: English
Patent (No,Kind,Date): EP 564187 A3 19951206
RECORDING AND REPRODUCING APPARATUS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); TANAKA MICHIO (JP);
 SHIMIZU RYOSUKE (JP); KODO TOSHIKAZU (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9268031 A
 19920326; JP 9211176 A 19920430; JP 92194450 A 19920722; JP
 92280874 A 19920925; JP 92282666 A 19921021; JP 92331300 A
 19921211
 Applic (No,Kind,Date): EP 93302365 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-023/03; G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
 94-242360; G 95-341616; G 96-062972; G 98-181451
 JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136;
 180618P000070
 Language of Document: English
 Patent (No,Kind,Date): EP 589709 A3 19940928
 MULTIREOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (DE); MATSUSHITA
 ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A
 19930510; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 93307575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/34; H04N-007/13; H04L-005/06; H04L-027/18
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
 G 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 608126 A3 19951129
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING SAME. (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI (JP);
 USHIGOME HISASHI (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 94300403 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-023/44
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 609013 A3 19951129
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
 TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP);
 TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 94300402 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-019/28; G11B-020/18; G11B-021/02
 ; G11B-023/00; G11B-023/36
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 609617 A3 19961211
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP); TAN SATOSHI (JP); KUWAMOTO MAKOTO (JP)
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 93205682 A 19930727; JP 92321063 A 19921201
 Applic (No,Kind,Date): EP 93309619 A 19931201
 Designated States: (National) BE; DE; FR; GB; NL
 IPC: * G06F-001/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 637016 A3 19950830
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 93205682 A 19930727; JP 94104879 A 19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 94305557 A 19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 766478 A3 20000119
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 92302627 A3 19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 96119060 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354
 JAPIO Reference No: * 180152E0000002
 Language of Document: English
 Patent (No,Kind,Date): EP 1035693 A3 20001206
 MULTIREOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): EP 2000114572 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 1035694 A3 20001206
 MULTIREOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): EP 2000114573 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G

94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1035695 A3 20001206
MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114575 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1035696 A3 20001206
MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114577 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1035697 A3 20001206
MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114578 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1035698 A3 20001206
MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114579 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38

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Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039672 A3 20001206
MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
Applic (No,Kind,Date): EP 2000114576 A 19930924
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039673 A3 20001206
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114689 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039674 A3 20001206
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
MULTICARRIER SIGNALS (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114690 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
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G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039675 A3 20001206
MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925

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IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039676 A3 20001206
MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114694 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039677 A3 20001206
MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING, WITH
MULTICARRIER MODULATION (English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114696 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039678 A3 20001206
MULTIRESOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
(English; French; German)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925
Applic (No,Kind,Date): EP 2000114697 A 19930326
Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE
IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441
JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No,Kind,Date): EP 1039679 A3 20001206

MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): EP 2000114698 A 19930326

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): EP 1039680 A3 20001206

MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
MULTICARRIER MODULATION (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): EP 2000114699 A 19930326

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): EP 1039681 A3 20001206

MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING, WITH
MULTICARRIER SIGNALS (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): EP 2000114701 A 19930326

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): EP 1039682 A3 20001206

MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
(English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): EP 2000114702 A 19930326

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): EP 1045541 A3 20001206

MULTIRESOLUTION TRANSMISSION AND ERROR CORRECTION CODING WITH
MULTICARRIER SIGNALS (English; French; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): EP 2000114700 A 19930326

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
G 01-063441

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): EP 1049282 A3 20001206

MULTIRESOLUTION MODULATION WITH MULTICARRIER SIGNALS (English; French;
German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93307575 A3 19930924; JP 92256070 A
19920925; JP 9366461 A 19930325; JP 93132984 A 19930510

Applic (No,Kind,Date): EP 2000114574 A 19930924

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): EP 1049283 A3 20001206

MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A
19920326; JP 92256070 A 19920925

Applic (No,Kind,Date): EP 2000114693 A 19930326

Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
IT; LI; LU; MC; NL; PT; SE

IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
; H04N-007/24

Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507

JAPIO Reference No: * 180486E000144

Language of Document: English

Patent (No,Kind,Date): EP 1049284 A3 20001206

MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
; German)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): EP 93302369 A3 19930326; JP 9267934 A

19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): EP 2000114695 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
 IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
 G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
 G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): EP 689200 A4 19960529
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
 REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
 DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
 (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): WO 94JP2304 W 19941228; JP 93335165 A
 19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP
 94156089 A 19940707; JP 94299508 A 19941202
 Applic (No,Kind,Date): EP 95904033 A 19941228
 Designated States: (National) DE; FR; GB; IT
 IPC: * G11B-007/007; G11B-020/12; G11B-013/04; G11B-007/00;
 G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 706174 A4 19970702
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
 INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): WO 95JP760 W 19950418; JP 94104879 A
 19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
 9515318 A 19950201; JP 9516865 A 19950203
 Applic (No,Kind,Date): EP 95915345 A 19950418
 Designated States: (National) DE; FR; GB; NL
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
 ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
 96-268785; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 741382 A4 19970702
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
 OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
 PRODUCING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): WO 95JP2339 W 19951116; JP 94283415 A
 19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
 Applic (No,Kind,Date): EP 95938017 A 19951116
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 802527 A4 19971210
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
 COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
 (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)

Priority (No,Kind,Date): WO 96JP2924 W 19961008; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 96932845 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 807929 A4 19971210
 Priority (No,Kind,Date): WO 96JP1303 W 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 96915172 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English; French; German
 Patent (No,Kind,Date): EP 506400 B1 19971217
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): EP 92302627 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): EP 637016 B1 20010307
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 93205682 A 19930727; JP 94104879 A 19940418; JP 94156089 A 19940707; JP 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): EP 94305557 A 19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
 Patent (No,Kind,Date): EP 807929 B1 20010228
 OPTICAL DISK PROVIDED WITH BAR CODE (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): WO 96JP1303 W 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 96915172 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10; G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1003162 B1 20001102
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000103257 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005024 B1 20010530
 OPTICAL REPRODUCING DEVICE FOR THE REPRODUCTION OF ENCRYPTED
 INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102966 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005026 B1 20010523
 OPTICAL RECORDER (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102968 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005027 B1 20010523
 OPTICAL RECORDER (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
 YOSHINARI (JP)
 Priority (No,Kind,Date): EP 96932845 A3 19961008; JP 95261247 A
 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): EP 2000102969 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): EP 1005034 B1 20001102
 AN OPTICAL DISK CARRYING BARCODED INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): EP 2000101775 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
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 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
 French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): EP 96915172 A3 19960515; JP 95261247 A
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Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No, Type, Date, Code, Text):

EP 506400	P	19910327	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 9162798 A 19910327
EP 506400	P	19910425	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 9195813 A 19910425
EP 506400	P	19910529	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 91155650 A 19910529
EP 506400	P	19910723	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 91182236 A 19910723
EP 506400	P	19920317	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 9260739 A 19920317
EP 506400	P	19920326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
				EP 92302627 A 19920326
EP 506400	P	19920930	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				DE FR GB NL
EP 506400	P	19920930	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
				DE FR GB NL
EP 506400	P	19930526	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				DE FR GB NL
EP 506400	P	19930526	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
				DE FR GB NL
EP 506400	P	19940112	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
				931117
EP 506400	P	19960110	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
				951127
EP 506400	P	19970402	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
				EP 766478 P
EP 506400	P	19971217	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
				DE FR GB NL
EP 506400	P	19971217	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
				DE FR GB NL
EP 506400	P	19971217	EP DX	MISCELLANEOUS: (DELETED) (DIVERSES: (GELOESCHT))
				DE FR GB NL
EP 506400	P	19980129	EP REF	CORRESPONDS TO: (ENTSPRICHT)

		DE 69223541	P	19980129	
EP 506400	P	19980320	EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)	
EP 506400	P	19981209	EP 26N	NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)	
EP 506400	P	20000119	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
		EP 973335	P		
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
		EP 975168	P		
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
		EP 975169	P		
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
		EP 975170	P		
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
		EP 975171	P		
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
		EP 975172	P		
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
		EP 975173	P		
EP 506400	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
		EP 975174	P		
EP 506400	P	20001102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)	
		EP 1049334	P		
EP 555031	P	19920129	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 9213809	A	19920129	
EP 555031	P	19920228	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 9242558	A	19920228	
EP 555031	P	19920309	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 9250328	A	19920309	
EP 555031	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 9268031	A	19920326	
EP 555031	P	19920430	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 92111176	A	19920430	
EP 555031	P	19920722	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 92194450	A	19920722	
EP 555031	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
		JP 92280874	A	19920925	
EP 555031	P	19930129	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
		EP 93300695	A	19930129	
EP 555031	P	19930811	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL

			PT SE	
EP 555031	P	19930811	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 555031	P	19930811	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			930206	
EP 555031	P	19951115	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 555031	P	19951115	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 555031	P	19970402	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			970214	
EP 555031	P	19981223	EP 18D	DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN)
			980626	
EP 562875	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9267934 A	19920326
EP 562875	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 92256070 A	19920925
EP 562875	P	19930326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 93302369 A	19930326
EP 562875	P	19930929	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 562875	P	19930929	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 562875	P	19930929	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			930403	
EP 562875	P	19960417	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			960306	
EP 562875	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114689 A	20000708
EP 562875	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114690 A	20000708
EP 562875	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114692 A	20000708
EP 562875	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114693 A	20000708
EP 562875	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))

			EP 2000114694 A 20000708
EP 562875	P	20000830	EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114695 A 20000708
EP 562875	P	20000830	EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114696 A 20000708
EP 562875	P	20000830	EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114697 A 20000708
EP 562875	P	20000830	EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114698 A 20000708
EP 562875	P	20000830	EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114699 A 20000708
EP 562875	P	20000830	EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114700 A 20000708
EP 562875	P	20000830	EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114701 A 20000708
EP 562875	P	20000830	EP RAHF DIVISIONAL APPLICATION (ART. 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114702 A 20000708
EP 562875	P	20000927	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1039673 P
EP 562875	P	20000927	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1039674 P
EP 562875	P	20000927	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1039675 P
EP 562875	P	20000927	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1039676 P
EP 562875	P	20000927	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1039677 P
EP 562875	P	20000927	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1039678 P
EP 562875	P	20000927	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1039679 P
EP 562875	P	20000927	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1039680 P
EP 562875	P	20000927	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1039681 P
EP 562875	P	20000927	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1039682 P
EP 562875	P	20001018	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1045541 P
EP 562875	P	20001102	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)

EP 562875	P	20001102	EP AH	EP 1049283 P DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1049284 P
EP 564187	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	P	19920430	EP AA	JP 9268031 A 19920326 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	P	19920722	EP AA	JP 92111176 A 19920430 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	P	19920925	EP AA	JP 92194450 A 19920722 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	P	19921021	EP AA	JP 92280874 A 19920925 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	P	19921211	EP AA	JP 92282666 A 19921021 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	P	19930121	EP AA	JP 92331300 A 19921211 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 564187	P	19930326	EP AE	JP 938596 A 19930121 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 564187	P	19931006	EP AK	EP 93302365 A 19930326 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 564187	P	19931006	EP A2	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 564187	P	19931006	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 930403
EP 564187	P	19951206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 564187	P	19951206	EP A3	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 564187	P	19970402	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 970214
EP 564187	P	19980225	EP 18D	DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 970826
EP 589709	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 92256070 A 19920925

EP 589709	P	19930325	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9366461 A	19930325
EP 589709	P	19930510	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93132984 A	19930510
EP 589709	P	19930924	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 93307575 A	19930924
EP 589709	P	19940330	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 589709	P	19940330	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 589709	P	19940330	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			931002	
EP 589709	P	19940928	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 589709	P	19940928	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 589709	P	19970102	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			961115	
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114572 A	20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114573 A	20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114574 A	20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114575 A	20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114576 A	20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114577 A	20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 2000114578 A	20000707
EP 589709	P	20000830	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))

			EP 2000114579 A 20000707
EP 589709	P	20000913	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1035693 P
EP 589709	P	20000913	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1035694 P
EP 589709	P	20000913	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1035695 P
EP 589709	P	20000913	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1035696 P
EP 589709	P	20000913	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1035697 P
EP 589709	P	20000913	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1035698 P
EP 589709	P	20000927	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1039672 P
EP 589709	P	20001102	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1049282 P
EP 608126	P	19930121	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 938596 A 19930121
EP 608126	P	19930325	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9392219 A 19930325
EP 608126	P	19930409	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93107423 A 19930409
EP 608126	P	19930727	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93205682 A 19930727
EP 608126	P	19931102	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93297504 A 19931102
EP 608126	P	19931119	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93314114 A 19931119
EP 608126	P	19940119	EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 94300403 A 19940119
EP 608126	P	19940727	EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 608126	P	19940727	EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 608126	P	19940727	EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			940127
EP 608126	P	19951129	EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 608126	P	19951129	EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 608126	P	19970903	EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 970722
EP 608126	P	19980527	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 844611 P
EP 608126	P	19980527	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 844612 P
EP 608126	P	19980729	EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 980203
EP 609013	P	19930121	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609013	P	19930325	JP 938596 A 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609013	P	19930409	JP 9392219 A 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609013	P	19930727	JP 93107423 A 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609013	P	19931102	JP 93205682 A 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609013	P	19931119	JP 93297504 A 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609013	P	19940119	JP 93314114 A 19931119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 609013	P	19940803	EP 94300402 A 19940119 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 609013	P	19940803	EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 609013	P	19940803	EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 940127
EP 609013	P	19951129	EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 609013	P	19951129	EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 609013	P	19970903	EP 17Q FIRST EXAMINATION REPORT

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970722

EP 609013	P	19980401	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 609013	P	19981223	EP 18D	DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN)
EP 609617	P	19921201	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609617	P	19930121	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609617	P	19930727	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 609617	P	19931201	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 609617	P	19940810	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 609617	P	19940810	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 609617	P	19940810	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 609617	P	19961211	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 609617	P	19961211	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 609617	P	19971203	EP 18D	DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN)
EP 617531	P	19930325	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 617531	P	19930510	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 617531	P	19930924	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 617531	P	19940324	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 617531	P	19940928	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
PT SE

EP 617531	P	19940928	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 617531	P	19940928	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 940402
EP 617531	P	19970102	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 961115
EP 617531	P	19971217	EP 18D	DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 970527
EP 637016	P	19930727	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P	19931102	EP AA	JP 93205682 A 19930727 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P	19931119	EP AA	JP 93297504 A 19931102 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P	19940418	EP AA	JP 93314114 A 19931119 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P	19940707	EP AA	JP 94104879 A 19940418 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	P	19940727	EP AE	JP 94156089 A 19940707 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 637016	P	19950201	EP AK	EP 94305557 A 19940727 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 637016	P	19950201	EP A2	BE CH DE FR GB IT LI NL PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 637016	P	19950201	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 940805
EP 637016	P	19950830	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 637016	P	19950830	EP A3	BE CH DE FR GB IT LI NL SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 637016	P	19980408	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 980220
EP 637016	P	20000913	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 637016	P	20001108	EP AH	EP 2000115017 A 20000724 DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 637016	P	20010307	EP AHF	EP 1050879 P DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)

			1050879		
			EP 2000115017	A	20000724
EP 637016	P	20010307	EP AK		DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
			BE CH DE FR GB IT LI NL		
EP 637016	P	20010307	EP B1		PATENT SPECIFICATION (PATENTSCHRIFT)
EP 637016	P	20010315	CH EP/REG		ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 637016	P	20010315	CH EP/REG		ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 637016	P	20010412	EP REF		CORRESPONDS TO: (ENTSPRICHT)
			DE 69426795	P	20010412
EP 689200	P	19931228	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93335165	A	19931228
EP 689200	P	19940120	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9422191	A	19940120
EP 689200	P	19940418	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 94104879	A	19940418
EP 689200	P	19940707	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 94156089	A	19940707
EP 689200	P	19941202	EP AA		PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 94299508	A	19941202
EP 689200	P	19941228	EP AA		PCT-APPLICATION (PCT-ANMELDUNG)
			WO 94JP2304	W	19941228
EP 689200	P	19941228	EP AE		EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 95904033	A	19941228
EP 689200	P	19951227	EP AK		DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
			DE FR GB IT		
EP 689200	P	19951227	EP A1		PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 689200	P	19960207	EP 17P		REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			951213		
EP 689200	P	19960529	EP AK		DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			DE FR GB IT		
EP 689200	P	19960529	EP A4		SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)
EP 689200	P	19960605	EP K1C1		CORRECTION OF PATENT APPLICATION (TITLE PAGE) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (TITELSEITE) ERSCHIENEN)
			951227		
EP 689200	P	19960605	EP RAP1		APPLICANT (CORRECTION) (ANMELDER (KORR.))

EP 689200	P	19990120	EP 17Q	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 981204
EP 706174	P	19940418	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	P	19941117	EP AA	JP 94104879 A 19940418 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	P	19941228	EP AA	JP 94283415 A 19941117 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	P	19950201	EP AA	JP 94327963 A 19941228 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	P	19950203	EP AA	JP 9515318 A 19950201 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 706174	P	19950418	EP AA	JP 9516865 A 19950203 PCT-APPLICATION (PCT-ANMELDUNG)
EP 706174	P	19950418	EP AE	WO 95JP760 W 19950418 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 706174	P	19960410	EP AK	EP 95915345 A 19950418 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 706174	P	19960410	EP A1	DE FR GB NL PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 706174	P	19960410	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 951114
EP 706174	P	19970702	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
EP 706174	P	19970702	EP A4	DE FR GB NL SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)
EP 706174	P	19991215	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 19991027
EP 741382	P	19941117	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 741382	P	19950202	EP AA	JP 94283415 A 19941117 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 741382	P	19951009	EP AA	JP 9516153 A 19950202 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 741382	P	19951116	EP AA	JP 95261247 A 19951009 PCT-APPLICATION (PCT-ANMELDUNG)
EP 741382	P	19951116	EP AE	WO 95JP2339 W 19951116 EP-APPLICATION

			(EUROPAEISCHE ANMELDUNG)
		EP 95938017 A	19951116
EP 741382	P	19961106 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB	
EP 741382	P	19961106 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 741382	P	19970108 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		961112	
EP 741382	P	19970702 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		DE FR GB	
EP 741382	P	19970702 EP A4	SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT)
EP 741382	P	19990922 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
		19990804	
EP 741382	P	20010606 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2001108949 A	20010410
EP 766478	P	19910327 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9162798 A	19910327
EP 766478	P	19910425 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9195813 A	19910425
EP 766478	P	19910529 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 91155650 A	19910529
EP 766478	P	19910723 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 91182236 A	19910723
EP 766478	P	19920317 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9260739 A	19920317
EP 766478	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 92302627 A3	19920326
EP 766478	P	19920326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 96119060 A	19920326
EP 766478	P	19970402 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 506400 P	
EP 766478	P	19970402 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		DE FR GB NL	
EP 766478	P	19970402 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 766478	P	19991124 EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 99119266 A	19990928

EP 766478	P	19991124	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 99119278 A	19990928
EP 766478	P	19991215	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 99119266 A	19990928
EP 766478	P	19991215	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 99119278 A	19990928
EP 766478	P	19991215	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 99121006 A	19991021
EP 766478	P	19991215	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 99121007 A	19991021
EP 766478	P	19991215	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 99121008 A	19991021
EP 766478	P	19991215	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 99121024 A	19991021
EP 766478	P	19991215	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 99121025 A	19991021
EP 766478	P	19991215	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
			EP 99121026 A	19991021
EP 766478	P	20000119	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 973335 P	
EP 766478	P	20000119	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			DE FR GB NL	
EP 766478	P	20000119	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 975168 P	
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 975169 P	
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 975170 P	
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 975171 P	
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 975172 P	
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 975173 P	
EP 766478	P	20000126	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)

EP 766478	P	20000830	EP 975174 P EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 975168
EP 766478	P	20000830	EP 99119266 A 19990928 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 973335
EP 766478	P	20000830	EP 99119278 A 19990928 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 975169
EP 766478	P	20000830	EP 99121006 A 19991021 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 975170
EP 766478	P	20000830	EP 99121007 A 19991021 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 975171
EP 766478	P	20000830	EP 99121008 A 19991021 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 975172
EP 766478	P	20000830	EP 99121024 A 19991021 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 975173
EP 766478	P	20000830	EP 99121025 A 19991021 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 975174
EP 766478	P	20000830	EP 99121026 A 19991021 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 766478	P	20000913	EP 2000114691 A 20000708 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000719
EP 766478	P	20001102	EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1049334 P
EP 766478	P	20010321	EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010206
EP 802527	P	19951009	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 802527	P	19960123	JP 95261247 A 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 802527	P	19960809	JP 968910 A 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 802527	P	19961008	JP 96211304 A 19960809 EP AA PCT-APPLICATION (PCT-ANMELDUNG)

			WO 96JP2924 W 19961008
EP 802527	P	19961008 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 96932845 A 19961008
EP 802527	P	19971022 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			DE FR GB
EP 802527	P	19971022 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 802527	P	19971022 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 970707
EP 802527	P	20000531 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005023 P
EP 802527	P	20000531 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005024 P
EP 802527	P	20000531 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005025 P
EP 802527	P	20000531 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005026 P
EP 802527	P	20000531 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005027 P
EP 802527	P	20000531 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005028 P
EP 802527	P	20000614 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20000427
EP 802527	P	20000802 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1024478 P
EP 802527	P	20010321 EP RTI1	TITEL (CORRECTION) (TITEL (KORR.)) RECORDER FOR OPTICAL DISKS
EP 802527	P	20010328 EP RTI1	TITEL (CORRECTION) (TITEL (KORR.)) RECORDER FOR OPTICAL DISKS
EP 802527	P	20010523 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005026 P
EP 802527	P	20010523 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005027 P
EP 802527	P	20010530 EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005024 P
EP 807929	P	19951009 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 95261247 A 19951009
EP 807929	P	19960123 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 968910 A 19960123
EP 807929	P	19960515 EP AA	PCT-APPLICATION (PCT-ANMELDUNG)
			WO 96JP1303 W 19960515
EP 807929	P	19960515 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 96915172 A 19960515

EP 807929	P	19971119	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			DE FR GB	
EP 807929	P	19971119	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 807929	P	19971119	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 970918
EP 807929	P	19971210	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
			DE FR GB	
EP 807929	P	19990922	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 19990804
EP 807929	P	20000412	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000101774 A 20000128
EP 807929	P	20000412	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000101775 A 20000128
EP 807929	P	20000412	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000103257 A 20000217
EP 807929	P	20000503	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000101774 A 20000128
EP 807929	P	20000503	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000101775 A 20000128
EP 807929	P	20000503	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000103257 A 20000217
EP 807929	P	20000503	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000104818 A 20000306
EP 807929	P	20000503	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000105014 A 20000309
EP 807929	P	20000517	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000101774 A 20000128
EP 807929	P	20000517	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000101775 A 20000128
EP 807929	P	20000517	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000103257 A 20000217
EP 807929	P	20000517	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000104818 A 20000306

EP 807929	P	20000517	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000105014	A	20000309
EP 807929	P	20000517	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000106447	A	20000324
EP 807929	P	20000524	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1003162	P	
EP 807929	P	20000531	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1005033	P	
EP 807929	P	20000531	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1005034	P	
EP 807929	P	20000531	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1005035	P	
EP 807929	P	20000607	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1006516	P	
EP 807929	P	20000607	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1006517	P	
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		1005033		
		EP 2000101774	A	20000128
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		1005034		
		EP 2000101775	A	20000128
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		1003162		
		EP 2000103257	A	20000217
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		1005035		
		EP 2000104818	A	20000306
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		1006516		
		EP 2000105014	A	20000309
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		1006517		
		EP 2000106447	A	20000324
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000109898	A	20000510
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000109899	A	20000510
EP 807929	P	20000705	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
		EP 2000110461	A	20000516

EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1005033 EP 2000101774 A 20000128
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1005034 EP 2000101775 A 20000128
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1003162 EP 2000103257 A 20000217
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1005035 EP 2000104818 A 20000306
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1006516 EP 2000105014 A 20000309
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1006517 EP 2000106447 A 20000324
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000109898 A 20000510
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000109899 A 20000510
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000110461 A 20000516
EP 807929	P	20000802	EP RAHF	DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000112310 A 20000608
EP 807929	P	20000816	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1028422 P
EP 807929	P	20000816	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1028423 P
EP 807929	P	20000823	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1030297 P
EP 807929	P	20000830	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1031974 P
EP 807929	P	20000906	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7G 11B 7/007 A, 7G 11B 7/24 B, 7G 06K 19/00 B, 7G 11B 20/10 B, 7G 11B 20/00 B, 7G 06F 1/00 B
EP 807929	P	20000906	EP RTI1	TITEL (CORRECTION) (TITEL (KORR.)) OPTICAL DISK PROVIDED WITH BAR CODE
EP 807929	P	20001102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)

			EP 1003162 P	
EP 807929	P	20001102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1005034 P	
EP 807929	P	20001102	EP AH	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			EP 1005035 P	
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1005033	
			EP 2000101774 A	20000128
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1005034	
			EP 2000101775 A	20000128
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1003162	
			EP 2000103257 A	20000217
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1005035	
			EP 2000104818 A	20000306
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1006516	
			EP 2000105014 A	20000309
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1006517	
			EP 2000106447 A	20000324
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1028422	
			EP 2000109898 A	20000510
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1028423	
			EP 2000109899 A	20000510
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1030297	
			EP 2000110461 A	20000516
EP 807929	P	20010228	EP AHF	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
			1031974	
			EP 2000112310 A	20000608
EP 807929	P	20010228	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
			DE FR GB	
EP 807929	P	20010228	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 807929	P	20010405	EP REF	CORRESPONDS TO: (ENTSPRICHT)
			DE 69611906 P	20010405
EP 833319	P	19930121	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 938596 A	19930121
EP 833319	P	19930325	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9392219 A	19930325
EP 833319	P	19930409	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93107423 A	19930409

EP 833319	P	19930727 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 93205682 A	19930727	
EP 833319	P	19931102 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 93297504 A	19931102	
EP 833319	P	19931119 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 93314114 A	19931119	
EP 833319	P	19940119 EP AA	DIVIDED OUT OF (AUSSCHEIDUNG AUS)	
		EP 94300402 A3	19940119	
EP 833319	P	19940119 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
		EP 97118775 A	19940119	
EP 833319	P	19980401 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 609013 P		
EP 833319	P	19980401 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE		
EP 833319	P	19980401 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 833319	P	19980401 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)	
		971029		
EP 833319	P	19980429 EP RIN1	INVENTOR (CORRECTION) (ERFINDER (KORR.))	
		OSHIMA, MITSUAKI ; SHIMIZU, RYOSUKE ; KOUDO, TOSHIKAZU ; YOSHIURA, TSUKASA ; MATSUURA, TAKUMI ; TANAKA, MITIRO ; TAN, SATOSHI		
EP 844611	P	19930121 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 938596 A	19930121	
EP 844611	P	19930325 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9392219 A	19930325	
EP 844611	P	19930409 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 93107423 A	19930409	
EP 844611	P	19930727 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 93205682 A	19930727	
EP 844611	P	19931102 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 93297504 A	19931102	
EP 844611	P	19931119 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 93314114 A	19931119	
EP 844611	P	19940119 EP AA	DIVIDED OUT OF (AUSSCHEIDUNG AUS)	
		EP 94300403 A3	19940119	
EP 844611	P	19940119 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	

EP 844611	P	19980527	EP AC	EP 98100524 A 19940119 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 608126 P
EP 844611	P	19980527	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 844611	P	19980527	EP A2	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 844611	P	19980527	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 980114
EP 844612	P	19930121	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	19930325	EP AA	JP 938596 A 19930121 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	19930409	EP AA	JP 9392219 A 19930325 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	19930727	EP AA	JP 93107423 A 19930409 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	19931102	EP AA	JP 93205682 A 19930727 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	19931119	EP AA	JP 93297504 A 19931102 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	19940119	EP AA	JP 93314114 A 19931119 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 844612	P	19940119	EP AE	EP 94300403 A3 19940119 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 844612	P	19980527	EP AC	EP 98100525 A 19940119 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 608126 P
EP 844612	P	19980527	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 844612	P	19980527	EP A2	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 844612	P	19980527	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 980114
EP 971345	P	19961219	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 971345	P	19970122	EP AA	JP 96339304 A 19961219 PRIORITY (PATENT APPLICATION)

		APPLICATION)	(PRIORITAET	(PATENTANMELDUNG))
EP 971345	P	JP 979318 A 19970122 19970924 EP AA APPLICATION)	PRIORITY (PATENT	(PRIORITAET (PATENTANMELDUNG))
EP 971345	P	JP 97259110 A 19970924 19971217 EP AA (PCT-ANMELDUNG)	PCT-APPLICATION	
EP 971345	P	WO 97JP4664 W 19971217 19971217 EP AE (EUROPAEISCHE ANMELDUNG)	EP-APPLICATION	
EP 971345	P	EP 97949124 A 19971217 20000112 EP AK DESIGNATED CONTRACTING	STATES IN AN APPLICATION WITH SEARCH REPORT:	(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 971345	P	DE FR GB IT NL 20000112 EP A1 PUBLICATION OF APPLICATION	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER	ANMELDUNG MIT RECHERCHENBERICHT)
EP 971345	P	20000112 EP 17P REQUEST FOR EXAMINATION	FILED (PRUEFUNGSANTRAG GESTELLT)	19990719
EP 973335	P	19910327 EP AA APPLICATION)	PRIORITY (PATENT	(PRIORITAET (PATENTANMELDUNG))
EP 973335	P	JP 9162798 A 19910327 19910425 EP AA APPLICATION)	PRIORITY (PATENT	(PRIORITAET (PATENTANMELDUNG))
EP 973335	P	JP 9195813 A 19910425 19910529 EP AA APPLICATION)	PRIORITY (PATENT	(PRIORITAET (PATENTANMELDUNG))
EP 973335	P	JP 91155650 A 19910529 19910723 EP AA APPLICATION)	PRIORITY (PATENT	(PRIORITAET (PATENTANMELDUNG))
EP 973335	P	JP 91182236 A 19910723 19920317 EP AA APPLICATION)	PRIORITY (PATENT	(PRIORITAET (PATENTANMELDUNG))
EP 973335	P	JP 9260739 A 19920317 19920326 EP AA (AUSSCHIEDUNG AUS)	DIVIDED OUT OF	
EP 973335	P	EP 92302627 A3 19920326 19920326 EP AA (AUSSCHIEDUNG AUS)	DIVIDED OUT OF	
EP 973335	P	EP 96119060 A3 19920326 19920326 EP AE (EUROPAEISCHE ANMELDUNG)	EP-APPLICATION	
EP 973335	P	EP 99119278 A 19920326 20000119 EP AC DIVISIONAL APPLICATION (ART.	76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
EP 973335	P	EP 506400 P 20000119 EP AC DIVISIONAL APPLICATION (ART.	76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
EP 973335	P	EP 766478 P 20000119 EP AK DESIGNATED CONTRACTING	STATES IN AN APPLICATION WITH SEARCH REPORT:	(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 973335	P	DE FR GB NL 20000119 EP A1 PUBLICATION OF APPLICATION	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER	ANMELDUNG MIT RECHERCHENBERICHT)
EP 973335	P	20000119 EP 17P REQUEST FOR EXAMINATION	FILED (PRUEFUNGSANTRAG GESTELLT)	19991015

EP 973335	P	20001004 EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 973335	P	20001115 EP K1C3	CORRECTION OF PATENT APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (KOMPLETTNEUDRUCK) ERSCHIENEN) 20000119
EP 973335	P	20001206 EP RPR1	PRIORITY (CORRECTION) (PRIORITAET (KORR.)) JP 19910327 6279891 ; JP 19910425 9581391 ; JP 19910529 15565091 ; JP 19910723 18223691 ; JP 19920317 6073992
EP 975168	P	19910327 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975168	P	19910425 EP AA	JP 9162798 A 19910327 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975168	P	19910529 EP AA	JP 9195813 A 19910425 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975168	P	19910723 EP AA	JP 91155650 A 19910529 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975168	P	19920317 EP AA	JP 91182236 A 19910723 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975168	P	19920326 EP AA	JP 9260739 A 19920317 DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 92302627 A3 19920326
EP 975168	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 96119060 A3 19920326
EP 975168	P	19920326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 99119266 A 19920326
EP 975168	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975168	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975168	P	20000126 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 975168	P	20000126 EP A1	DE FR GB NL PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975168	P	20000126 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022
EP 975168	P	20001011 EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975168	P	20001115 EP K1C3	CORRECTION OF PATENT APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (KOMPLETTNEUDRUCK) ERSCHIENEN) 20000126
EP 975168	P	20010418 EP 17Q	FIRST EXAMINATION REPORT

			(ERSTER PRUEFUNGSBESCHEID) 20010227	
EP 975169	P	19910327	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9162798 A	19910327
EP 975169	P	19910425	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9195813 A	19910425
EP 975169	P	19910529	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 91155650 A	19910529
EP 975169	P	19910723	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 91182236 A	19910723
EP 975169	P	19920317	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9260739 A	19920317
EP 975169	P	19920326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 92302627 A3	19920326
EP 975169	P	19920326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 96119060 A3	19920326
EP 975169	P	19920326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 99121006 A	19920326
EP 975169	P	20000126	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 506400 P	
EP 975169	P	20000126	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 766478 P	
EP 975169	P	20000126	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
			DE FR GB NL	
EP 975169	P	20000126	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
			20000126 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			19991021	
EP 975169	P	20001011	EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G))
			DE FR GB NL	
EP 975170	P	19910327	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9162798 A	19910327
EP 975170	P	19910425	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9195813 A	19910425
EP 975170	P	19910529	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 91155650 A	19910529
EP 975170	P	19910723	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 91182236 A	19910723
EP 975170	P	19920317	EP AA	PRIORITY (PATENT APPLICATION)

APPLICATION) (PRIORITAET (PATENTANMELDUNG))

			JP 9260739 A 19920317
EP 975170	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 92302627 A3 19920326
EP 975170	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 96119060 A3 19920326
EP 975170	P	19920326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 99121007 A 19920326
EP 975170	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 506400 P
EP 975170	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 766478 P
EP 975170	P	20000126 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
			DE FR GB NL
EP 975170	P	20000126 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975170	P	20000126 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			19991021
EP 975170	P	20001011 EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G))
			DE FR GB NL
EP 975171	P	19910327 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9162798 A 19910327
EP 975171	P	19910425 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9195813 A 19910425
EP 975171	P	19910529 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 91155650 A 19910529
EP 975171	P	19910723 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 91182236 A 19910723
EP 975171	P	19920317 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9260739 A 19920317
EP 975171	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 92302627 A3 19920326
EP 975171	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 96119060 A3 19920326
EP 975171	P	19920326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 99121008 A 19920326
EP 975171	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 506400 P
EP 975171	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 766478 P
EP 975171	P	20000126 EP AK	DESIGNATED CONTRACTING

STATES IN AN APPLICATION WITH SEARCH REPORT:
(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)

			DE FR GB NL	
EP 975171	P	20000126	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975171	P	20000126	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021
EP 975171	P	20001011	EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975171	P	20010418	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010227
EP 975172	P	19910327	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	P	19910425	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	P	19910529	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	P	19910723	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	P	19920317	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975172	P	19920326	EP AA	DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326
EP 975172	P	19920326	EP AA	DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96119060 A3 19920326
EP 975172	P	19920326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 99121024 A 19920326
EP 975172	P	20000126	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975172	P	20000126	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975172	P	20000126	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 975172	P	20000126	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975172	P	20000301	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021
EP 975172	P	20001011	EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975172	P	20010404	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010222

EP 975173	P	19910327 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9162798 A	19910327	
EP 975173	P	19910425 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9195813 A	19910425	
EP 975173	P	19910529 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 91155650 A	19910529	
EP 975173	P	19910723 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 91182236 A	19910723	
EP 975173	P	19920317 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9260739 A	19920317	
EP 975173	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)	
		EP 92302627 A3	19920326	
EP 975173	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)	
		EP 96119060 A3	19920326	
EP 975173	P	19920326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
		EP 99121025 A	19920326	
EP 975173	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 506400 P		
EP 975173	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
		EP 766478 P		
EP 975173	P	20000126 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)	
		DE FR GB NL		
EP 975173	P	20000126 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)	
EP 975173	P	20000126 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)	
		19991021		
EP 975173	P	20001011 EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G))	
		DE FR GB NL		
EP 975173	P	20010418 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)	
		20010227		
EP 975174	P	19910327 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9162798 A	19910327	
EP 975174	P	19910425 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 9195813 A	19910425	
EP 975174	P	19910529 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 91155650 A	19910529	
EP 975174	P	19910723 EP AA	PRIORITY (PATENT APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
		JP 91182236 A	19910723	

EP 975174	P	19920317 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9260739 A	19920317
EP 975174	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 92302627 A3	19920326
EP 975174	P	19920326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 96119060 A3	19920326
EP 975174	P	19920326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 99121026 A	19920326
EP 975174	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 506400 P	
EP 975174	P	20000126 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 766478 P	
EP 975174	P	20000126 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB NL	
EP 975174	P	20000126 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975174	P	20000126 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		19991021	
EP 975174	P	20001011 EP AKX	PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G))
		DE FR GB NL	
EP 1003162	P	19951009 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A	19951009
EP 1003162	P	19960123 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 968910 A	19960123
EP 1003162	P	19960515 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 96915172 A3	19960515
EP 1003162	P	19960515 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000103257 A	19960515
EP 1003162	P	20000524 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P	
EP 1003162	P	20000524 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB	
EP 1003162	P	20000524 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1003162	P	20000524 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000217	
EP 1003162	P	20000913 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
		20000725	
EP 1003162	P	20001102 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P	
EP 1003162	P	20001102 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:

(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT
VERTRAGSSTAATEN)
DE FR GB

EP 1003162	P	20001102	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1003162	P	20001207	EP REF	CORRESPONDS TO: (ENTSPRICHT)
EP 1003162	P	20010207	EP AKX	P 20001207 PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1003162	P	20010209	EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1005023	P	19951009	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005023	P	19960123	EP AA	JP 95261247 A 19951009 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005023	P	19960809	EP AA	JP 968910 A 19960123 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005023	P	19961008	EP AA	JP 96211304 A 19960809 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1005023	P	19961008	EP AE	EP 96932845 A3 19961008 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1005023	P	20000531	EP AC	EP 2000102965 A 19961008 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005023	P	20000531	EP AK	P 802527 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 1005023	P	20000531	EP A1	DE FR GB PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005023	P	20000531	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301
EP 1005023	P	20001115	EP R1N1	INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI
EP 1005023	P	20010110	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20001130
EP 1005023	P	20010214	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1005024	P	19951009	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005024	P	19960123	EP AA	JP 95261247 A 19951009 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005024	P	19960809	EP AA	JP 968910 A 19960123 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 96211304 A 19960809

EP 1005024	P	19961008	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 96932845	A3	19961008
EP 1005024	P	19961008	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000102966	A	19961008
EP 1005024	P	20000531	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 802527	P	
EP 1005024	P	20000531	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB		
EP 1005024	P	20000531	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005024	P	20000531	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000301		
EP 1005024	P	20000927	EP R1N1	INVENTOR (CORRECTION) (ERFINDER (KORR.))
		OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI		
EP 1005024	P	20010110	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
		20001130		
EP 1005024	P	20010214	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
		DE FR GB		
EP 1005024	P	20010530	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 802527	P	
EP 1005024	P	20010530	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
		DE FR GB		
EP 1005024	P	20010530	EP B1	PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005025	P	19951009	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 95261247	A	19951009
EP 1005025	P	19960123	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 968910	A	19960123
EP 1005025	P	19960809	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 96211304	A	19960809
EP 1005025	P	19961008	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 96932845	A3	19961008
EP 1005025	P	19961008	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000102967	A	19961008
EP 1005025	P	20000531	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 802527	P	
EP 1005025	P	20000531	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB		
EP 1005025	P	20000531	EP A1	PUBLICATION OF APPLICATION

			WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005025	P	20000531 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000301
EP 1005025	P	20001115 EP RIN1	INVENTOR (CORRECTION) (ERFINDER (KORR.))
			OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI
EP 1005025	P	20010207 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
			20001227
EP 1005025	P	20010214 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
			DE FR GB
EP 1005026	P	19951009 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 95261247 A 19951009
EP 1005026	P	19960123 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 968910 A 19960123
EP 1005026	P	19960809 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 96211304 A 19960809
EP 1005026	P	19961008 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 96932845 A3 19961008
EP 1005026	P	19961008 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000102968 A 19961008
EP 1005026	P	20000531 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 802527 P
EP 1005026	P	20000531 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
			DE FR GB
EP 1005026	P	20000531 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005026	P	20000531 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000301
EP 1005026	P	20001115 EP RIN1	INVENTOR (CORRECTION) (ERFINDER (KORR.))
			OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI
EP 1005026	P	20001129 EP RT11	TITEL (CORRECTION) (TITEL (KORR.))
			OPTICAL RECORDER
EP 1005026	P	20010110 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
			20001130
EP 1005026	P	20010214 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
			DE FR GB
EP 1005026	P	20010523 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 802527 P
EP 1005026	P	20010523 EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT)

			VERTRAGSSTAATEN)	
			DE FR GB	
EP 1005026	P	20010523	EP B1	PATENT SPECIFICATION
			(PATENTSCHRIFT)	
EP 1005026	P	20010628	EP REF	CORRESPONDS TO:
			(ENTSPRICHT)	
			DE 69613010	P 20010628
EP 1005027	P	19951009	EP AA	PRIORITY (PATENT
			APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
			JP 95261247	A 19951009
EP 1005027	P	19960123	EP AA	PRIORITY (PATENT
			APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
			JP 968910	A 19960123
EP 1005027	P	19960809	EP AA	PRIORITY (PATENT
			APPLICATION)	(PRIORITAET (PATENTANMELDUNG))
			JP 96211304	A 19960809
EP 1005027	P	19961008	EP AA	DIVIDED OUT OF
			(AUSSCHIEDUNG AUS)	
			EP 96932845	A3 19961008
EP 1005027	P	19961008	EP AE	EP-APPLICATION
			(EUROPAEISCHE ANMELDUNG)	
			EP 2000102969	A 19961008
EP 1005027	P	20000531	EP AC	DIVISIONAL APPLICATION (ART.
			76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
			EP 802527	P
EP 1005027	P	20000531	EP AK	DESIGNATED CONTRACTING
			STATES IN AN APPLICATION WITH SEARCH REPORT:	
			(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)	
			DE FR GB	
EP 1005027	P	20000531	EP A1	PUBLICATION OF APPLICATION
			WITH SEARCH REPORT (VEROEFFENTLICHUNG DER	
			ANMELDUNG MIT RECHERCHENBERICHT)	
EP 1005027	P	20000531	EP 17P	REQUEST FOR EXAMINATION
			FILED (PRUEFUNGSANTRAG GESTELLT)	
			20000301	
EP 1005027	P	20001115	EP RIN1	INVENTOR (CORRECTION)
			(ERFINDER (KORR.))	
			OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA,	
			SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ;	
			TAKEMURA, YOSHINARI	
EP 1005027	P	20001129	EP RT11	TITEL (CORRECTION) (TITEL
			(KORR.))	
			OPTICAL RECORDER	
EP 1005027	P	20010110	EP 17Q	FIRST EXAMINATION REPORT
			(ERSTER PRUEFUNGSBESCHEID)	
			20001130	
EP 1005027	P	20010214	EP AKX	PAYMENT OF DESIGNATION FEES
			(ZAHLUNG VON BENENNUNGSGEBUEHREN)	
			DE FR GB	
EP 1005027	P	20010523	EP AC	DIVISIONAL APPLICATION (ART.
			76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
			EP 802527	P
EP 1005027	P	20010523	EP AK	DESIGNATED CONTRACTING
			STATES MENTIONED IN A PATENT SPECIFICATION:	
			(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE	
			VERTRAGSSTAATEN)	
			DE FR GB	
EP 1005027	P	20010523	EP B1	PATENT SPECIFICATION
			(PATENTSCHRIFT)	
EP 1005027	P	20010628	EP REF	CORRESPONDS TO:
			(ENTSPRICHT)	
			DE 69613011	P 20010628
EP 1005028	P	19951009	EP AA	PRIORITY (PATENT
			APPLICATION)	(PRIORITAET (PATENTANMELDUNG))

EP 1005028	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005028	P	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005028	P	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1005028	P	EP 96932845 A3 19961008 19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1005028	P	EP 2000102971 A 19961008 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005028	P	EP 802527 P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1005028	P	DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005028	P	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301
EP 1005028	P	20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI
EP 1005028	P	20001129 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20001013
EP 1005028	P	20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1005033	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005033	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005033	P	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1005033	P	EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1005033	P	EP 2000101774 A 19960515 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005033	P	EP 807929 P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1005033	P	DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005033	P	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)

20000128

EP 1005033 P 20010214 EP AKX PAYMENT OF DESIGNATION FEES
(ZAHLUNG VON BENENNUNGSGEBUEHREN)
DE FR GB

EP 1005033 P 20010502 EP 17Q FIRST EXAMINATION REPORT
(ERSTER PRUEFUNGSBESCHEID)
20010316

EP 1005034 P 19951009 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

JP 95261247 A 19951009

EP 1005034 P 19960123 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

JP 968910 A 19960123

EP 1005034 P 19960515 EP AA DIVIDED OUT OF
(AUSSCHIEDUNG AUS)
EP 96915172 A3 19960515

EP 1005034 P 19960515 EP AE EP-APPLICATION
(EUROPAEISCHE ANMELDUNG)
EP 2000101775 A 19960515

EP 1005034 P 20000531 EP AC DIVISIONAL APPLICATION (ART.
76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 807929 P

EP 1005034 P 20000531 EP AK DESIGNATED CONTRACTING
STATES IN AN APPLICATION WITH SEARCH REPORT:
(IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)

DE FR GB

EP 1005034 P 20000531 EP AX ERSTRECKUNG DES
EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON
BENENNUNGSGEBUEHREN)
AL;LT;LV;SI

EP 1005034 P 20000531 EP A1 PUBLICATION OF APPLICATION
WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
ANMELDUNG MIT RECHERCHENBERICHT)

EP 1005034 P 20000531 EP 17P REQUEST FOR EXAMINATION
FILED (PRUEFUNGSANTRAG GESTELLT)
20000128

EP 1005034 P 20000913 EP 17Q FIRST EXAMINATION REPORT
(ERSTER PRUEFUNGSBESCHEID)
20000725

EP 1005034 P 20001102 EP AC DIVISIONAL APPLICATION (ART.
76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 807929 P

EP 1005034 P 20001102 EP AK DESIGNATED CONTRACTING
STATES MENTIONED IN A PATENT SPECIFICATION:
(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT
VERTRAGSSTAATEN)
DE FR GB

EP 1005034 P 20001102 EP B1 PATENT SPECIFICATION
(PATENTSCHRIFT)

EP 1005034 P 20001207 EP REF CORRESPONDS TO:
(ENTSPRICHT)
DE 69610860 P 20001207

EP 1005034 P 20010209 EP ET FR: TRANSLATION FILED (FR:
TRADUCTION A ETE REMISE)

EP 1005034 P 20010214 EP AKX PAYMENT OF DESIGNATION FEES
(ZAHLUNG VON BENENNUNGSGEBUEHREN)
DE FR GB

EP 1005035 P 19951009 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

JP 95261247 A 19951009

EP 1005035 P 19960123 EP AA PRIORITY (PATENT
APPLICATION) (PRIORITAET (PATENTANMELDUNG))

JP 968910 A 19960123

EP 1005035	P	19960515	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 96915172 A3	19960515
EP 1005035	P	19960515	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000104818 A	19960515
EP 1005035	P	20000531	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 807929 P	
EP 1005035	P	20000531	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
EP 1005035	P	20000531	EP AX	ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUHREN)
				AL;LT;LV;SI
EP 1005035	P	20000531	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005035	P	20000531	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
				20000306
EP 1005035	P	20000913	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
				20000725
EP 1005035	P	20001102	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 807929 P	
EP 1005035	P	20001102	EP AK	DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
				DE FR GB
EP 1005035	P	20001102	EP B1	PATENT SPECIFICATION (
				PATENTSCHRIFT)
EP 1005035	P	20001207	EP REF	CORRESPONDS TO: (ENTSPRICHT)
			DE 69610861 P	20001207
EP 1005035	P	20001213	IE FG4D/REG	EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
EP 1005035	P	20010209	EP ET	FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1005035	P	20010214	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUHREN)
				DE FR GB
EP 1006516	P	19951009	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 95261247 A	19951009
EP 1006516	P	19960123	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 968910 A	19960123
EP 1006516	P	19960515	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 96915172 A3	19960515
EP 1006516	P	19960515	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000105014 A	19960515
EP 1006516	P	20000607	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 807929 P	
EP 1006516	P	20000607	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

EP 1006516	P	20000607	DE FR GB EP AX	ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI
EP 1006516	P	20000607	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1006516	P	20000607	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000309
EP 1006516	P	20010221	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1006516	P	20010530	EP RBV	DESIGNATED CONTRACTING STATES (CORRECTION): (BENANNTE VERTRAGSSTAATEN (KORR.)) DE FR GB
EP 1006516	P	20010613	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20010427
EP 1006517	P	19951009	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1006517	P	19960123	JP 95261247 A EP AA	19951009 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1006517	P	19960515	JP 968910 A EP AA	19960123 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1006517	P	19960515	EP 96915172 A3 EP AE	19960515 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1006517	P	20000607	EP 2000106447 A EP AC	19960515 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1006517	P	20000607	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1006517	P	20000607	DE FR GB EP AX	ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI
EP 1006517	P	20000607	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1006517	P	20000607	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324
EP 1006517	P	20010221	EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1024478	P	19951009	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1024478	P	19960123	JP 95261247 A EP AA	19951009 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1024478	P	19960809	JP 968910 A EP AA	19960123 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 1024478	P	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 96932845 A3 19961008
EP 1024478	P	19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000102970 A 19961008
EP 1024478	P	20000802 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1024478	P	20000802 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1024478	P	DE FR GB 20000802 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1024478	P	20000802 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301
EP 1024478	P	20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI
EP 1024478	P	20001129 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20001011
EP 1024478	P	20010418 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1028422	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1028422	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1028422	P	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 96915172 A3 19960515
EP 1028422	P	19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109898 A 19960515
EP 1028422	P	20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1028422	P	20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1028422	P	DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1028422	P	20000816 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000510
EP 1028422	P	20010502 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1028423	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1028423	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT

APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 1028423	P	19960515	JP 968910 A 19960123 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
EP 1028423	P	19960515	EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515
EP 1028423	P	20000816	EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1028423	P	20000816	EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 1028423	P	20000816	DE FR GB EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1028423	P	20000816	EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000510
EP 1028423	P	20001227	EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001113
EP 1028423	P	20010502	EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1030297	P	19951009	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1030297	P	19960123	JP 95261247 A 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1030297	P	19960515	JP 968910 A 19960123 EP AA DIVIDED OUT OF ((AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
EP 1030297	P	19960515	EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000110461 A 19960515
EP 1030297	P	20000823	EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1030297	P	20000823	EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN)
EP 1030297	P	20000823	DE FR GB EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL;LT;LV;SI
EP 1030297	P	20000823	EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1030297	P	20000823	EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000519
EP 1030297	P	20010418	EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010302
EP 1030297	P	20010509	EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1031974	P	19951009	EP AA PRIORITY (PATENT

			APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A	19951009
EP 1031974	P	19960123 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 968910 A	19960123
EP 1031974	P	19960515 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 96915172 A3	19960515
EP 1031974	P	19960515 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000112310 A	19960515
EP 1031974	P	20000830 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P	
EP 1031974	P	20000830 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB	
EP 1031974	P	20000830 EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1031974	P	20000830 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000608	
EP 1031974	P	20001227 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
		20001113	
EP 1031974	P	20010516 EP AKX	PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
		DE FR GB	
EP 1035693	P	19920925 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92256070 A	19920925
EP 1035693	P	19930325 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9366461 A	19930325
EP 1035693	P	19930510 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 93132984 A	19930510
EP 1035693	P	19930924 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 93307575 A3	19930924
EP 1035693	P	19930924 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000114572 A	19930924
EP 1035693	P	20000913 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 589709 P	
EP 1035693	P	20000913 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1035693	P	20000913 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035693	P	20001011 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000714	
EP 1035693	P	20001206 EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM

RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035693	P	20001206	EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035694	P	19920925	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035694	P	19930325	JP 92256070 A 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035694	P	19930510	JP 9366461 A 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035694	P	19930924	JP 93132984 A 19930510 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS) EP 93307575 A3 19930924
EP 1035694	P	19930924	EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114573 A 19930924
EP 1035694	P	20000913	EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 589709 P
EP 1035694	P	20000913	EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035694	P	20000913	EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035694	P	20001011	EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714
EP 1035694	P	20001206	EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035694	P	20001206	EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035694	P	20001206	EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1035695	P	19920925	EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035695	P	19930325	JP 92256070 A 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035695	P	19930510	JP 9366461 A 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 1035695	P	19930924	EP AA	JP 93132984 A 19930510 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1035695	P	19930924	EP AE	EP 93307575 A3 19930924 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1035695	P	20000913	EP AC	EP 2000114575 A 19930924 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 589709 P
EP 1035695	P	20000913	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1035695	P	20000913	EP A2	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035695	P	20001011	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714
EP 1035695	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1035695	P	20001206	EP A3	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035695	P	20001206	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1035696	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP 1035696	P	19930325	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035696	P	19930510	EP AA	JP 9366461 A 19930325 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035696	P	19930924	EP AA	JP 93132984 A 19930510 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1035696	P	19930924	EP AE	EP 93307575 A3 19930924 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1035696	P	20000913	EP AC	EP 2000114577 A 19930924 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 589709 P
EP 1035696	P	20000913	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1035696	P	20000913	EP A2	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)

EP 1035696	P	20001011	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714
EP 1035696	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035696	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035696	P	20001206	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1035697	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 92256070 A 19920925
EP 1035697	P	19930325	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 9366461 A 19930325
EP 1035697	P	19930510	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 93132984 A 19930510
EP 1035697	P	19930924	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
				EP 93307575 A3 19930924
EP 1035697	P	19930924	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
				EP 2000114578 A 19930924
EP 1035697	P	20000913	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
				EP 589709 P
EP 1035697	P	20000913	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035697	P	20000913	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035697	P	20001011	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714
EP 1035697	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035697	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035697	P	20001206	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1035698	P	19920925	EP AA	PRIORITY (PATENT

			APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035698	P	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1035698	P	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1035698	P	JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)	
EP 1035698	P	EP 93307575 A3 19930924 19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)	
EP 1035698	P	EP 2000114579 A 19930924 20000913 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	
EP 1035698	P	EP 589709 P 20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
EP 1035698	P	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE 20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 1035698	P	20001011 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714	
EP 1035698	P	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
EP 1035698	P	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))	
EP 1035698	P	20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B	
EP 1039672	P	19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1039672	P	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1039672	P	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1039672	P	JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHIEDUNG AUS)	
EP 1039672	P	EP 93307575 A3 19930924 19930924 EP AE EP-APPLICATION ((EUROPAEISCHE ANMELDUNG)	
EP 1039672	P	EP 2000114576 A 19930924 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	

EP 1039672	P	20000927	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039672	P	20000927	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039672	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
				20000712
EP 1039672	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039672	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039672	P	20001206	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
				7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1039673	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 9267934 A 19920326
EP 1039673	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 92256070 A 19920925
EP 1039673	P	19930326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
				EP 93302369 A3 19930326
EP 1039673	P	19930326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
				EP 2000114689 A 19930326
EP 1039673	P	20000927	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
				EP 562875 P
EP 1039673	P	20000927	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039673	P	20000927	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039673	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
				20000712
EP 1039673	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNT VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039673	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS

			(ART. 93))
EP 1039673	P	20010530 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010412
EP 1039674	P	19920326 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9267934 A	19920326
EP 1039674	P	19920925 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92256070 A	19920925
EP 1039674	P	19930326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 93302369 A3	19930326
EP 1039674	P	19930326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000114690 A	19930326
EP 1039674	P	20000927 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 562875 P	
EP 1039674	P	20000927 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039674	P	20000927 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039674	P	20000927 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039674	P	20001206 EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039674	P	20001206 EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039674	P	20010530 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010412
EP 1039675	P	19920326 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9267934 A	19920326
EP 1039675	P	19920925 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92256070 A	19920925
EP 1039675	P	19930326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 93302369 A3	19930326
EP 1039675	P	19930326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000114692 A	19930326
EP 1039675	P	20000927 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 562875 P	
EP 1039675	P	20000927 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1039675	P	20000927	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039675	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039675	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1039675	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039675	P	20010418	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010302
EP 1039676	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9267934 A	19920326
EP 1039676	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 92256070 A	19920925
EP 1039676	P	19930326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93302369 A3	19930326
EP 1039676	P	19930326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000114694 A	19930326
EP 1039676	P	20000927	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039676	P	20000927	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1039676	P	20000927	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039676	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039676	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1039676	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039676	P	20010530	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010412
EP 1039677	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9267934 A	19920326

EP 1039677	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039677	P	19930326	EP AA	JP 92256070 A 19920925 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1039677	P	19930326	EP AE	EP 93302369 A3 19930326 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1039677	P	20000927	EP AC	EP 2000114696 A 19930326 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039677	P	20000927	EP AK	EP 562875 P DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1039677	P	20000927	EP A2	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039677	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039677	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1039677	P	20001206	EP A3	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039677	P	20010530	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010412
EP 1039678	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039678	P	19920925	EP AA	JP 9267934 A 19920326 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039678	P	19930326	EP AA	JP 92256070 A 19920925 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1039678	P	19930326	EP AE	EP 93302369 A3 19930326 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1039678	P	20000927	EP AC	EP 2000114697 A 19930326 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039678	P	20000927	EP AK	EP 562875 P DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1039678	P	20000927	EP A2	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039678	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)

			20000712	
EP 1039678	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039678	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039678	P	20010530	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			20010412	
EP 1039679	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9267934 A	19920326
EP 1039679	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 92256070 A	19920925
EP 1039679	P	19930326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93302369 A3	19930326
EP 1039679	P	19930326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000114698 A	19930326
EP 1039679	P	20000927	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 562875 P	
EP 1039679	P	20000927	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039679	P	20000927	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039679	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELT)
			20000712	
EP 1039679	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039679	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039679	P	20010530	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			20010412	
EP 1039680	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9267934 A	19920326
EP 1039680	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 92256070 A	19920925
EP 1039680	P	19930326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93302369 A3	19930326

EP 1039680	P	19930326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000114699	A 19930326
EP 1039680	P	20000927	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 562875	P
EP 1039680	P	20000927	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1039680	P	20000927	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039680	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000712	
EP 1039680	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1039680	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039680	P	20010418	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
			20010302	
EP 1039681	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9267934	A 19920326
EP 1039681	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 92256070	A 19920925
EP 1039681	P	19930326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93302369	A3 19930326
EP 1039681	P	19930326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000114701	A 19930326
EP 1039681	P	20000927	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 562875	P
EP 1039681	P	20000927	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1039681	P	20000927	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039681	P	20000927	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
			20000712	
EP 1039681	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE	
EP 1039681	P	20001206	EP A3	SEPARATE PUBLICATION OF THE

			SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039681	P	20001206 EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04N 7/24 B
EP 1039681	P	20010530 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010412
EP 1039682	P	19920326 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9267934 A	19920326
EP 1039682	P	19920925 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92256070 A	19920925
EP 1039682	P	19930326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 93302369 A3	19930326
EP 1039682	P	19930326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000114702 A	19930326
EP 1039682	P	20000927 EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 562875 P	
EP 1039682	P	20000927 EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P	20000927 EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039682	P	20000927 EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039682	P	20001206 EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P	20001206 EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039682	P	20010418 EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010302
EP 1045541	P	19920326 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9267934 A	19920326
EP 1045541	P	19920925 EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92256070 A	19920925
EP 1045541	P	19930326 EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
		EP 93302369 A3	19930326
EP 1045541	P	19930326 EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114700 A 19930326

EP 1045541	P	20001018	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 562875	P
EP 1045541	P	20001018	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1045541	P	20001018	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1045541	P	20001018	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
				20000712
EP 1045541	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1045541	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1045541	P	20010418	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
				20010302
EP 1049282	P	19920925	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 92256070	A 19920925
EP 1049282	P	19930325	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 9366461	A 19930325
EP 1049282	P	19930510	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			JP 93132984	A 19930510
EP 1049282	P	19930924	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
			EP 93307575	A3 19930924
EP 1049282	P	19930924	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
			EP 2000114574	A 19930924
EP 1049282	P	20001102	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 589709	P
EP 1049282	P	20001102	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049282	P	20001102	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1049282	P	20001102	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
				20000712
EP 1049282	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

EP 1049282	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1049282	P	20001206	EP RIC1	CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1049283	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049283	P	19920925	EP AA	JP 9267934 A 19920326 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049283	P	19930326	EP AA	JP 92256070 A 19920925 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1049283	P	19930326	EP AE	EP 93302369 A3 19930326 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1049283	P	20001102	EP AC	EP 2000114693 A 19930326 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1049283	P	20001102	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1049283	P	20001102	EP A2	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1049283	P	20001102	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1049283	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1049283	P	20001206	EP A3	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1049283	P	20010530	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED) 20010412
EP 1049284	P	19920326	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049284	P	19920925	EP AA	JP 9267934 A 19920326 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049284	P	19930326	EP AA	JP 92256070 A 19920925 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1049284	P	19930326	EP AE	EP 93302369 A3 19930326 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1049284	P	20001102	EP AC	EP 2000114695 A 19930326 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P

EP 1049284	P	20001102	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049284	P	20001102	EP A2	PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1049284	P	20001102	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
				20000712
EP 1049284	P	20001206	EP AK	DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049284	P	20001206	EP A3	SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1049284	P	20010418	EP 17Q	FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHIED)
				20010302
EP 1049334	P	19910327	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 9162798 A 19910327
EP 1049334	P	19910425	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 9195813 A 19910425
EP 1049334	P	19910529	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 91155650 A 19910529
EP 1049334	P	19910723	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 91182236 A 19910723
EP 1049334	P	19920317	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
				JP 9260739 A 19920317
EP 1049334	P	19920326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
				EP 92302627 A3 19920326
EP 1049334	P	19920326	EP AA	DIVIDED OUT OF (AUSSCHIEDUNG AUS)
				EP 96119060 A3 19920326
EP 1049334	P	19920326	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
				EP 2000114691 A 19920326
EP 1049334	P	20001102	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
				EP 506400 P
EP 1049334	P	20001102	EP AC	DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
				EP 766478 P
EP 1049334	P	20001102	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
				DE FR GB NL
EP 1049334	P	20001102	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER

EP 1049334	P	20001102	EP 17P	ANMELDUNG MIT RECHERCHENBERICHT) REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000715
EP 1049334	P	20001220	EP K1C1	CORRECTION OF PATENT APPLICATION (TITLE PAGE) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (TITELSEITE) ERSCHIENEN) 20001102
EP 1049334	P	20001220	EP RPR1	PRIORITY (CORRECTION) (PRIORITAET (KORR.)) JP 19910327 6279891 ; JP 19910425 9581391 ; JP 19910529 15565091 ; JP 19910723 18223691 ; JP 19920317 6073992
EP 1050879	P	19930727	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1050879	P	19931102	EP AA	JP 93205682 A 19930727 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1050879	P	19931119	EP AA	JP 93297504 A 19931102 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1050879	P	19940418	EP AA	JP 93314114 A 19931119 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1050879	P	19940707	EP AA	JP 94104879 A 19940418 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1050879	P	19940727	EP AA	JP 94156089 A 19940707 DIVIDED OUT OF (AUSSCHIEDUNG AUS)
EP 1050879	P	19940727	EP AE	EP 94305557 A3 19940727 EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1050879	P	20001108	EP AC	EP 2000115017 A 19940727 DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1050879	P	20001108	EP AK	EP 637016 P DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 1050879	P	20001108	EP A2	BE CH DE FR GB IT LI NL PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)

JAPAN (JP)

Patent (No,Kind,Date): JP 5250756 A2 19930928
RECORDER/REPRODUCER (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): OSHIMA MITSUAKI
Priority (No,Kind,Date): JP 9250328 A 19920309
Applic (No,Kind,Date): JP 9250328 A 19920309
IPC: * G11B-013/04; G11B-013/00
JAPIO Reference No: ; 180014P000119
Language of Document: Japanese
Patent (No,Kind,Date): JP 5307788 A2 19931119
RECORDING AND REPRODUCING DEVICE (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): OSHIMA MITSUAKI
Priority (No,Kind,Date): JP 92111176 A 19920430

Applic (No,Kind,Date): JP 92111176 A 19920430
 IPC: * G11B-013/04; G11B-013/00
 JAPIO Reference No: ; 180121P000165
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 5327807 A2 19931210
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9162798 A1 19910327; JP 9195813 A1 19910425; JP 91155650 A1 19910529; JP 91182236 A1 19910723; JP 9260739 A1 19920317
 Applic (No,Kind,Date): JP 9268935 A 19920327
 IPC: * H04L-027/36; H04J-003/00; H04J-011/00; H04L-027/38; H04N-007/00 ; H04N-007/13; H04N-007/20
 JAPIO Reference No: ; 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 6036387 A2 19940210
 RECORDING/REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 92194450 A 19920722
 Applic (No,Kind,Date): JP 92194450 A 19920722
 IPC: * G11B-013/04; G11B-013/00
 JAPIO Reference No: ; 180264P000063
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 6164665 A2 19940610
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9368545 A 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 9368545 A 19930326
 IPC: * H04L-027/36; H04L-027/38; H04L-027/00; H04N-005/40; H04N-007/00 ; H04N-007/20; H04N-011/04
 Derwent WPI Acc No: * G 93-305235; G 94-103292
 JAPIO Reference No: * 180486E000144; 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 6180888 A2 19940628
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9334656 A 19930128; JP 9213809 A 19920129; JP 9268031 A 19920326; JP 92280874 A 19920925
 Applic (No,Kind,Date): JP 9334656 A 19930128
 IPC: * G11B-013/00; G11B-013/04; G11B-011/10
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180522P000136; 180522P000136
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 6231509 A2 19940819
 RECORDING/REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KAMIKADO TOSHIKAZU; TANAKA MICHIO ; SHIMIZU RYOSUKE
 Priority (No,Kind,Date): JP 9363428 A 19930226; JP 9242558 A 19920228; JP 92282666 A 19921021; JP 92331300 A 19921211
 Applic (No,Kind,Date): JP 9363428 A 19930226
 IPC: * G11B-013/04; G11B-005/127; G11B-005/82; G11B-013/00; G11B-023/40
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180618P000070; 180618P000070
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 6231510 A2 19940819
 RECORDING/REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KAMIKADO TOSHIKAZU; TANAKA MICHIO ; SHIMIZU RYOSUKE
 Priority (No,Kind,Date): JP 9392247 A 19930326; JP 9268031 A 19920326; JP 92280874 A 19920925; JP 92282666 A 19921021; JP

92331300 A 19921211
 Applic (No,Kind,Date): JP 9392247 A 19930326
 IPC: * G11B-013/04; G11B-005/127; G11B-005/82; G11B-013/00;
 G11B-023/40
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180522P000136; 180618P000070; 180618P000070
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7093962 A2 19950407
 INFORMATION RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; TAN SATOSHI; KUWAMOTO MAKOTO
 Priority (No,Kind,Date): JP 93300723 A 19931201; JP 92321063 A
 19921201; JP 938596 A 19930121; JP 93205682 A 19930727
 Applic (No,Kind,Date): JP 93300723 A 19931201
 IPC: * G11B-033/02; G11B-017/04; G11B-025/10
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 94-250560; G 95-116722
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7099522 A2 19950411
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 93261611 A 19930924; JP 92256070 A
 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 93261611 A 19930924
 IPC: * H04L-027/34; H04B-001/66; H04B-014/04
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7235097 A2 19950905
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; TANAKA MICHIO;
 YOSHIURA TSUKASA
 Priority (No,Kind,Date): JP 93351425 A 19931228; JP 938596 A
 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A
 19931119; JP 93333874 A 19931227; JP 93333392 A 19931227; JP
 93333403 A 19931227; JP 93349972 A 19931227
 Applic (No,Kind,Date): JP 93351425 A 19931228
 IPC: * G11B-013/04; G11B-005/02
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 94-250560; G 94-342258; G 95-116722; G 95-341616
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7235098 A2 19950905
 INFORMATION RECORDING MEDIUM AND ITS MANUFACTURE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI
 Priority (No,Kind,Date): JP 93351426 A 19931228; JP 938596 A
 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
 9391011 A 19930419; JP 93205682 A 19930727; JP 93297504 A
 19931102; JP 93314114 A 19931119; JP 93333855 A 19931227
 Applic (No,Kind,Date): JP 93351426 A 19931228
 IPC: * G11B-013/04; B42D-015/10; G06K-019/06; G11B-023/40
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 94-250560; G 95-116722; G 95-341616; G 95-341616
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7235099 A2 19950905
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; TANAKA MICHIO;
 YOSHIURA TSUKASA; KAMIKADO TOSHIKAZU; TAN SATOSHI
 Priority (No,Kind,Date): JP 9422135 A 19940121; JP 938596 A
 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A
 19931119; JP 93333874 A 19931227; JP 93333392 A 19931227; JP
 93333403 A 19931227; JP 93349972 A 19931227

Applic (No,Kind,Date): JP 9422135 A 19940121
 IPC: * G11B-013/04; G11B-020/12; G11B-020/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 94-250560; G 94-342258; G 95-116722; G 95-341616
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7249227 A2 19950926
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 94195853 A 19940727; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP 93349972 A 19931227; JP 9422191 A 19940120
 Applic (No,Kind,Date): JP 94195853 A 19940727
 IPC: * G11B-007/00; G11B-007/007; G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 94-342258; G 95-116722; G 95-246541; G 95-341616; G 96-062972; G 98-181451
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7264148 A2 19951013
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9479668 A 19940324
 Applic (No,Kind,Date): JP 9479668 A 19940324
 IPC: * H04H-001/00; H04N-007/01; H04N-007/24
 Derwent WPI Acc No: * G 95-387959; G 95-387959
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7320333 A2 19951208
 RECORDING/REPRODUCING APPARATUS AND RECORDING MEDIUM AND ITS MANUFACTURE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI
 Priority (No,Kind,Date): JP 9422158 A 19940121; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP 93333855 A 19931227
 Applic (No,Kind,Date): JP 9422158 A 19940121
 IPC: * G11B-013/04; B42D-015/10; G06K-019/06; G11B-023/30
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 94-250560; G 95-116722; G 95-341616; G 96-062972; G 96-062972
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 7322219 A2 19951208
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9479432 A 19940325; JP 9366461 A 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924; JP 93349972 A 19931227
 Applic (No,Kind,Date): JP 9479432 A 19940325
 IPC: * H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 8212560 A2 19960820
 OPTICAL RECORDING MEDIUM AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): UENO FUMIAKI; OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 94327805 A 19941228; JP 93335165 A 19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP 94156089 A 19940707; JP 94299508 A 19941202
 Applic (No,Kind,Date): JP 94327805 A 19941228
 IPC: * G11B-007/007; B41M-005/26; G11B-007/00; G11B-007/24; G11B-007/26; G11B-013/04; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 8212681 A2 19960820
 RECORDING/REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9516865 A 19950203

Applic (No,Kind,Date): JP 9516865 A 19950203
 IPC: * G11B-019/04; G11B-007/00; G11B-013/04; G11B-019/02; G11B-020/10
 Derwent WPI Acc No: * G 95-373939
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 8273164 A2 19961018
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI
 Priority (No,Kind,Date): JP 9592116 A 19950418; JP 94104879 A 19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP 9515318 A 19950201; JP 9516153 A 19950202
 Applic (No,Kind,Date): JP 9592116 A 19950418
 IPC: * G11B-007/00; G11B-007/007; G11B-007/24; G11B-007/26; G11B-013/04; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 96-268785
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 10233019 A2 19980902
 OPTICAL DISK, OPTICAL DISK MANUFACTURING DEVICE AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): KONISHI SHINICHI; OSHIMA MITSUAKI; TANAKA SHINICHI; KOISHI KENJI; MORIYA MITSURO; GOTOU YOSHITOSHI; TAKEMURA YOSHIYA
 Priority (No,Kind,Date): JP 979318 A 19970122; JP 968110 A 19960122; JP 968910 A 19960123; JP 96339304 A 19961219; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 979318 A 19970122
 IPC: * G11B-007/00; G11B-007/007; G11B-007/24; G11B-020/10
 Derwent WPI Acc No: * G 97-236117; G 97-236119; G 98-363034
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 11162031 A2 19990618
 OPTICAL DISK, METHOD FOR RECORDING/REPRODUCING OPTICAL DISK DRAW INFORMATION, OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK RECORDING/REPRODUCING DEVICE, OPTICAL DISK DRAW INFORMATION RECORDER AND OPTICAL DISK RECORDER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): MIYATAKE NORIO; MURAKAMI MOTOYOSHI; OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 97351243 A 19971219; JP 96339304 A 19961219; JP 97259110 A 19970924
 Applic (No,Kind,Date): JP 97351243 A 19971219
 IPC: * G11B-011/10; G11B-007/00; G11B-007/007; G11B-007/24; G11B-013/00; G11B-020/10
 Derwent WPI Acc No: * G 98-363034
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000032074 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169243 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169243 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000032075 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169244 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317

Applic (No,Kind,Date): JP 99169244 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
 H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000032076 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
 RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169245 A 19990616; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169245 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
 H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000032077 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
 RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169246 A 19990616; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169246 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
 H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000032078 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
 RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169247 A 19990616; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169247 A 19990616
 IPC: * H04L-027/36; H04L-027/38; H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000032079 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
 RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169248 A 19990616; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169248 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
 H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G

00-184730; G 00-184731
JAPIO Reference No: * 180152E000002
Language of Document: Japanese
Patent (No,Kind,Date): JP 2000076659 A2 20000314
OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
KOISHI KENJI; MORIYA MITSURO
Priority (No,Kind,Date): JP 99257252 A 19990910; JP 95261247 A
19951009; JP 968910 A 19960123
Applic (No,Kind,Date): JP 99257252 A 19990910
IPC: * G11B-007/007; G11B-019/04; G11B-020/10
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: Japanese
Patent (No,Kind,Date): JP 2000076662 A2 20000314
OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK AND MANUFACTURE OF
OPTICAL DISK (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
KOISHI KENJI; MORIYA MITSURO
Priority (No,Kind,Date): JP 99257248 A 19990910; JP 95261247 A
19951009; JP 968910 A 19960123
Applic (No,Kind,Date): JP 99257248 A 19990910
IPC: * G11B-007/085; G11B-007/004; G11B-007/24; G11B-019/04;
G11B-020/10
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: Japanese
Patent (No,Kind,Date): JP 2000076705 A2 20000314
OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
KOISHI KENJI; MORIYA MITSURO
Priority (No,Kind,Date): JP 99257245 A 19990910; JP 95261247 A
19951009; JP 968910 A 19960123
Applic (No,Kind,Date): JP 99257245 A 19990910
IPC: * G11B-007/24; G11B-019/04; G11B-020/10; G11B-027/28
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: Japanese
Patent (No,Kind,Date): JP 2000076791 A2 20000314
OPTICAL DISK, OPTICAL DISK RECORDING METHOD AND OPTICAL DISK
REPRODUCING DEVICE (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
KOISHI KENJI; MORIYA MITSURO
Priority (No,Kind,Date): JP 99257247 A 19990910; JP 95261247 A
19951009; JP 968910 A 19960123
Applic (No,Kind,Date): JP 99257247 A 19990910
IPC: * G11B-020/10; G11B-007/007; G11B-020/12; G11B-020/18
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: Japanese
Patent (No,Kind,Date): JP 2000078222 A2 20000314
TRANSMITTER, RECEIVER, TRANSMITTING DEVICE, TRANSMISSION METHOD AND
RECEPTION METHOD (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): OSHIMA MITSUAKI
Priority (No,Kind,Date): JP 99200091 A 19990714; JP 9162798 A
19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
91182236 A 19910723; JP 9260739 A 19920317
Applic (No,Kind,Date): JP 99200091 A 19990714
IPC: * H04L-027/34; H04J-003/00; H04J-015/00; H04L-027/36; H04L-027/38
; H04N-007/08; H04N-007/081
Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
00-184730; G 00-184731
JAPIO Reference No: * 180152E000002
Language of Document: Japanese
Patent (No,Kind,Date): JP 2000106579 A2 20000411
TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289582 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289582 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000106580 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289583 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289583 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000106581 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289584 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289584 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000106582 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289585 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289585 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000106583 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289586 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289586 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/015
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G 00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2000149423 A2 20000530
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373897 A 19990101
 IPC: * G11B-020/10; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2000156037 A2 20000606
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373901 A 19990101
 IPC: * G11B-020/10; G11B-007/0045; G11B-007/24
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2000173062 A2 20000623
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373902 A 19990101
 IPC: * G11B-007/007; G06F-012/14; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2000173063 A2 20000623
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99375208 A 19991228
 IPC: * G11B-007/007; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2000173179 A2 20000623
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373898 A 19990101
 IPC: * G11B-020/10; G06F-012/14; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2000215603 A2 20000804
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373896 A 19990101
 IPC: * G11B-020/10; G11B-007/0045; G11B-019/04
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2000222729 A2 20000811
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257251 A 19990910
 IPC: * G11B-007/004; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2000222739 A2 20000811
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257250 A 19990910
 IPC: * G11B-007/005; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2000222743 A2 20000811
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99375209 A 19991228
 IPC: * G11B-007/007; G11B-007/005; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): JP 2000222782 A2 20000811
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257246 A 19990910

IPC: * G11B-007/24; G11B-007/004; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
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 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257249 A 19990910
 IPC: * G11B-007/24; G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000228016 A2 20000815
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373899 A 19990101
 IPC: * G11B-007/007; G06F-012/14; G11B-019/04; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
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 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): JP 99373900 A 19990101
 IPC: * G11B-020/10; G06K-019/06; G06K-019/04; G11B-007/0045
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000299677 A2 20001024
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 20002000085410 A 20000101
 IPC: * H04J-011/00; H04J-003/00; H04L-001/00; H04L-027/34; H04L-027/02; H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44; H04N-005/46; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 2000312195 A2 20001107
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 20002000085407 A 20000101
 IPC: * H04J-011/00; H04J-003/00; H04L-001/00; H04L-027/34; H04L-027/02; H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44; H04N-005/46; H04N-005/78; H04N-005/7826; H04N-005/92; H04N-007/00; H04H-001/00; H04N-007/24; H04N-007/20
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
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 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 20002000085408 A 20000101
 IPC: * H04J-011/00; H04J-003/00; H04L-027/34; H04N-005/38; H04N-005/445; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
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 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 20002000085409 A 20000101

IPC: * H04J-011/00; H04B-014/04; H04J-003/00; H04L-001/00; H04L-027/34
; H04L-027/02; H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44;
H04N-007/20; H04H-001/00
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: Japanese
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Priority (No,Kind,Date): JP 92256070 A 19920925; JP 9366461 A
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Applic (No,Kind,Date): JP 20002000095800 A 20000101
IPC: * H04J-011/00; H04L-027/34; H04N-005/40; H04N-005/44; H04N-007/00
; H04N-007/20
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: Japanese
Patent (No,Kind,Date): JP 2000315992 A2 20001114
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
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Applic (No,Kind,Date): JP 20002000085411 A 20000101
IPC: * H04J-011/00; H04L-001/00; H04L-027/00; H04N-005/40;
H04N-005/455; H04N-007/24; H04N-007/30
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: Japanese
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Priority (No,Kind,Date): JP 92256070 A 19920925; JP 9366461 A
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Applic (No,Kind,Date): JP 20002000095801 A 20000101
IPC: * H04J-011/00; H04L-027/36; H04L-027/38; H04N-007/08;
H04N-007/081; H04N-007/20
Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
G 00-589077; G 00-589078; G 00-595507
JAPIO Reference No: * 180486E000144
Language of Document: Japanese
Patent (No,Kind,Date): JP 3008651 B2 20000214
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
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Priority (No,Kind,Date): JP 9268935 A 19920327; JP 9162798 A1
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91182236 A1 19910723; JP 9260739 A1 19920317
Applic (No,Kind,Date): JP 9268935 A 19920327
IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
H04N-007/20; H04N-007/24
Language of Document: Japanese
Patent (No,Kind,Date): JP 3042780 B2 20000522
Priority (No,Kind,Date): JP 99257245 A 19990910; JP 95261247 A
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Applic (No,Kind,Date): JP 99257245 A 19990910
IPC: * G11B-007/007; G06K-019/00; G11B-007/004; G11B-007/24;
G11B-019/04; G11B-020/10; G11B-023/36; G11B-027/28
Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
Language of Document: Japanese
Patent (No,Kind,Date): JP 3042781 B2 20000522
Priority (No,Kind,Date): JP 99257252 A 19990910; JP 95261247 A
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Applic (No,Kind,Date): JP 99257252 A 19990910
IPC: * G11B-007/007; G06K-019/00; G11B-007/004; G11B-007/005;

G11B-007/24; G11B-019/04; G11B-020/10; G11B-023/36; G11B-027/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3061053 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169243 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169243 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3061054 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169244 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169244 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3061055 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169245 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169245 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3061056 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169248 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169248 A 19990616
 IPC: * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015; H04N-007/20
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3089599 B2 20000918
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTO YOSHITOSHI; OOSHIMA MITSUAKI; TANAKA SHINICHI; KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257246 A 19990910
 IPC: * G11B-007/24; G11B-007/004; G11B-007/007; G11B-020/10
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3089600 B2 20000918
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTO YOSHITOSHI; OOSHIMA MITSUAKI; TANAKA SHINICHI; KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257249 A 19990910
 IPC: * G11B-007/24; G11B-007/007; G11B-020/10
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3089601 B2 20000918
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTO YOSHITOSHI; OOSHIMA MITSUAKI; TANAKA SHINICHI; KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257250 A 19990910

IPC: * G11B-007/005; G11B-020/10
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3092620 B2 20000925
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169246 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169246 A 19990616
 IPC: * H04L-027/36; H04J-007/00; H04L-027/38; H04N-007/015
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3092621 B2 20000925
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99169247 A 19990616; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99169247 A 19990616
 IPC: * H04L-027/36; H04J-007/00; H04L-027/38; H04N-007/015
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3097914 B2 20001010
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTO YOSHITOSHI; OOSHIMA MITSUAKI; TANAKA SHINICHI; KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99257251 A 19990910
 IPC: * G11B-007/004; G11B-007/26; G11B-020/10
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3097916 B2 20001010
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99375208 A 19991228
 IPC: * G11B-007/007; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3097917 B2 20001010
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI; GOTO YOSHITOSHI; TANAKA SHINICHI; KOISHI KENJI; MORIYA MITSURO
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 99375209 A 19991228
 IPC: * G11B-007/007; G11B-007/005; G11B-007/24; G11B-020/10; G11B-020/12
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3109552 B2 20001120
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 9368545 A 19930326; JP 9267934 A 19920326; JP 92256070 A 19920925
 Applic (No,Kind,Date): JP 9368545 A 19930326
 IPC: * H04J-011/00; H04L-027/36; H04L-027/38; H04N-005/40; H04N-007/015; H04N-007/20; H04N-011/04
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3111776 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 93261611 A 19930924; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No,Kind,Date): JP 93261611 A 19930924
 IPC: * H04J-011/00
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3112012 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289582 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP

91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289582 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3112013 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289583 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289583 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3112014 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289586 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289586 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/015
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3114727 B2 20001204
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289584 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289584 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3114728 B2 20001204
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No,Kind,Date): JP 99289585 A 19991012; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A 19920317
 Applic (No,Kind,Date): JP 99289585 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3143454 B2 20010307
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 2000275439 A 20000101
 IPC: * G11B-007/007; G11B-007/004; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
 Patent (No,Kind,Date): JP 3143455 B2 20010307
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): JP 2000275440 A 20000101
 IPC: * G11B-007/007; G11B-007/004; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese

KOREA, REPUBLIC (KR)

Patent (No,Kind,Date): KR 161051 B1 19990115
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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 Priority (No,Kind,Date): JP 9366461 A 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924; JP 93349972 A 19931227
 Applic (No,Kind,Date): KR 946012 A 19940325
 IPC: * H04N-007/12
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Korean

Patent (No,Kind,Date): KR 195398 B1 19990615
RECORDING/REPRODUCING APPARATUS AND MEDIUM AND PRODUCTION METHOD
(English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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USIGOME HISASI (JP)
Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
93297504 A 19931102; JP 93314114 A 19931119
Applic (No,Kind,Date): KR 941111 A 19940121
IPC: * G11B-011/00
Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
95-116722; G 95-341616; G 96-062972; G 98-181451

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Patent (No,Kind,Date): KR 217013 B1 19991001
RECORDING AND REPRODUCING APPARATUS (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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DOSHIKAZ (JP); YOSHIHURA SKASHA (JP); MASURA TAKUMI (JP); DANAKA
MICHIO (JP); DAN SADOSHI (JP)
Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
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93297504 A 19931102; JP 93314114 A 19931119
Applic (No,Kind,Date): KR 941112 A 19940121
IPC: * G11B-011/00
Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
95-116722; G 95-341616; G 96-062972; G 98-181451

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Patent (No,Kind,Date): KR 237555 B1 20000201
RECORDING/REPRODUCING APPARATUS (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
Author (Inventor): OSIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 93205682 A 19930727; JP 93297504 A
19931102; JP 93314114 A 19931119; JP 94104879 A 19940418; JP
94156089 A 19940707
Applic (No,Kind,Date): KR 9418308 A 19940727
IPC: * G11B-007/00
Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451

Language of Document: Korean

Patent (No,Kind,Date): KR 9602468 B1 19960217
TRANSMITTER (English)
Patent Assignee: MATSUSITA ELECTRIC IND K K (JP)
Author (Inventor): OOSIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
19920925
Applic (No,Kind,Date): KR 934766 A 19930326
IPC: * H04L-027/36
Derwent WPI Acc No: * G 93-305235; G 94-103292
JAPIO Reference No: * 180486E000144
Language of Document: Korean

Patent (No,Kind,Date): KR 9602703 B1 19960224
SIGNAL TRANSMISSION SYSTEM (English)
Patent Assignee: MATSUSHITA ELECTRIC IND K K (JP)
Author (Inventor): OSHIMA MITSUAKI (JP)
Priority (No,Kind,Date): JP 9162798 A 19910327; JP 9195813 A
19910425; JP 91155650 A 19910529; JP 91182236 A 19910723
Applic (No,Kind,Date): KR 924913 A 19920326
IPC: * H04N-007/12
Derwent WPI Acc No: * G 92-325674
JAPIO Reference No: * 180152E000002
Language of Document: Korean

SINGAPORE (SG)

Patent (No,Kind,Date): SG 5400982 A1 19981221
RECORDING AND REPRODUCING APPARATUS (English)
Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; KOUDO TOSHIKAZU;

YOSHIURA TSUKASA; MATSUURA TAKUMI; TANAKA MITIRO; TAN SATOSHI
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): SG 9502048 A 19940119
 IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02
 ; G11B-023/00
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 95-116722; G 95-341616; G 96-062972; G 98-181451
 Language of Document: English
 Patent (No,Kind,Date): SG 7100102 A1 20000321
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI; USHIGOME HISASHI
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): SG 9800735 A 19940119
 IPC: * G11B-019/02; G11B-007/007
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 95-116722; G 95-341616; G 96-062972; G 98-181451
 Language of Document: English
 Patent (No,Kind,Date): SG 7100103 A1 20000321
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI; USHIGOME HISASHI
 Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A
 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
 93297504 A 19931102; JP 93314114 A 19931119
 Applic (No,Kind,Date): SG 9800736 A 19940119
 IPC: * G11B-019/02; G11B-007/007
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
 95-116722; G 95-341616; G 96-062972; G 98-181451
 Language of Document: English

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5473584 A 19951205
 RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 281337 A 19940727; JP 9213809 A
 19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
 19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
 94104879 A 19940418; JP 94156089 A 19940707; US 184117 A2
 19940121; US 9709 A2 19930127
 Applic (No,Kind,Date): US 281337 A 19940727
 National Class: * 369032000; 369047000; 369054000
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
 94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
 96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
 180522P000136; 180618P000070
 Language of Document: English
 Patent (No,Kind,Date): US 5526328 A 19960611
 RECORDING AND REPRODUCING APPARATUS WITH VARYING AMOUNTS OF DATA IN
 DIFFERENT TRACKS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
 TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI (JP);
 TANAKA MICHIO (JP); TAN SATOSHI (JP)
 Priority (No,Kind,Date): US 184117 A 19940121; JP 9213809 A
 19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP

9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
 19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; US
 9709 A2 19930127
 Applic (No,Kind,Date): US 184117 A 19940121
 National Class: * 369013000; 369032000
 IPC: * G11B-011/00
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G
 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
 180522P000136; 180618P000070
 Language of Document: English
 Patent (No,Kind,Date): US 5555275 A 19960910
 MULTI-THRESHOLD AND HIERARCHICAL TELEVISION SIGNAL TRANSMISSION SYSTEM
 Multi-threshold and hierarchical television signal transmission
 system (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 417269 A 19950405; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317; US 857627 B1
 19920325
 Applic (No,Kind,Date): US 417269 A 19950405
 National Class: * 375261000; 375298000; 375324000; 332103000;
 329304000; 348724000; 348726000
 IPC: * H04L-005/12; H04L-023/02; H04L-027/22; H04L-027/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): US 5600672 A 19970204
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SAKASHITA SEIJI (JP)
 Priority (No,Kind,Date): US 240521 A 19940510; JP 9162798 A
 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
 91182236 A 19910723; JP 9260739 A 19920317; JP 93132984 A
 19930510; JP 93261612 A 19930924; JP 93349972 A 19931227; JP
 9479668 A 19940324; US 857627 A2 19920325
 Applic (No,Kind,Date): US 240521 A 19940510
 National Class: * 375219000; 375270000; 375301000; 375321000
 IPC: * H04L-005/16; H04B-001/38
 Derwent WPI Acc No: * G 92-325674; G 94-103292; G 94-311606; G
 94-342258; G 95-387959; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: English
 Patent (No,Kind,Date): US 5682360 A 19971028
 RECORDING AND REPRODUCING APPARATUS FOR USE WITH A RECORDING MEDIUM
 HAVING AN OPTICAL RECORDING LAYER AND MAGNETIC RECORDING LAYER
 (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9213809 A 19920129; JP 9242558 A
 19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP
 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A
 19920925
 Applic (No,Kind,Date): US 9709 A 19930127
 National Class: * 369013000; 360059000; 360114000
 IPC: * G11B-011/00; G11B-005/127
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
 180522P000136; 180618P000070
 Language of Document: English
 Patent (No,Kind,Date): US 5699331 A 19971216
 APPARATUS OPERATING WITH RECORDING MEDIUM ACCORDING TO POSITIONAL
 INFORMATION OF A SECRET CODE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)

Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 534771 A 19950927; JP 9213809 A 19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP 94104879 A 19940418; JP 94156089 A 19940707; US 281337 A3 19940727; US 184117 A2 19940121; US 9709 A2 19930127
 Applic (No,Kind,Date): US 534771 A 19950927
 Addnl Info: 5473584 Patented; 5526328 Patented
 National Class: * 369032000; 369047000; 369054000
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G 94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063; 180522P000136; 180618P000070
 Language of Document: English
 Patent (No,Kind,Date): US 5761301 A 19980602
 MARK FORMING APPARATUS, METHOD OF FORMING LASER MARK ON OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND METHOD OF PRODUCING OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): JP 94283415 A 19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
 Applic (No,Kind,Date): US 560015 A 19951117
 National Class: * 380004000; 369272000; 235494000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 5802241 A 19980901
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 706376 A 19960830; JP 9267934 A 19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; JP 93132984 A 19930510; JP 93261612 A 19930924; JP 93349972 A 19931227; US 217895 B1 19940325; US 126589 A2 19930927; US 37108 A2 19930325
 Applic (No,Kind,Date): US 706376 A 19960830
 National Class: * 386046000; 348723000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): US 5805551 A 19980908
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPY OR ILLEGAL INSTALLATION OF INFORMATION OF OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): US 845794 A 19970425; JP 94104879 A 19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP 9515318 A 19950201; JP 9516865 A 19950203; US 423668 A3 19950418; US 281337 A2 19940727
 Applic (No,Kind,Date): US 845794 A 19970425
 Addnl Info: 5473584 19951205 Patented
 National Class: * 369059000; 369047000; 369048000; 369058000; 360048000
 IPC: * G11B-007/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 96-268785; G 01-018026
 Language of Document: English

Patent (No,Kind,Date): US 5807640 A 19980915
 OPTICAL RECORDING MEDIUM, REPRODUCING SYSTEM, METHOD OF REPRODUCING
 OPTICAL DISK, METHOD OF FABRICATING OPTICAL DISK ORIGINAL RECORD, AND
 METHOD OF STOPPING ILLEGAL PROGRAM OPERATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 93335165 A 19931228; JP 9422191 A
 19940120; JP 94104879 A 19940418; JP 94156089 A 19940707; JP
 94299508 A 19941202; WO 94JP2304 W 19941228
 Applic (No,Kind,Date): US 507495 A 19950828
 National Class: * 428064100; 428064200; 428064400; 428913000;
 369275100; 369284000
 IPC: * B32B-003/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
 01-018026
 Language of Document: English

Patent (No,Kind,Date): US 5819000 A 19981006
 MAGNETIC RECORDING AND PLAYBACK APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): JP 9267934 A 19920326; JP 92256070 A
 19920925
 Applic (No,Kind,Date): US 37108 A 19930325
 National Class: * 386046000; 348723000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English

Patent (No,Kind,Date): US 5881038 A 19990309
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPY OR ILLEGAL
 INSTALLATION OF INFORMATION OF OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No,Kind,Date): US 423668 A 19950418; JP 94104879 A
 19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
 9515318 A 19950201; JP 9516865 A 19950203; US 281337 A2
 19940727
 Applic (No,Kind,Date): US 423668 A 19950418
 National Class: * 369059000; 369084000; 369058000; 369054000;
 369047000
 IPC: * G11B-007/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
 96-268785; G 01-018026
 Language of Document: English

Patent (No,Kind,Date): US 5892879 A 19990406
 COMMUNICATION SYSTEM FOR PLURAL DATA STREAMS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 126589 A 19930927; JP 9267934 A
 19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; JP
 93132984 A 19930510; US 37108 A2 19930325
 Applic (No,Kind,Date): US 126589 A 19930927
 National Class: * 386046000; 348726000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English

Patent (No,Kind,Date): US 5959948 A 19990928
 RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 970162 A 19971113; JP 9213809 A

19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
 9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
 19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
 19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
 93349972 A 19931227; JP 94104879 A 19940418; JP 94156089 A
 19940707; US 534771 A1 19950927; US 281337 A3 19940727; US 184117
 A2 19940121; US 9709 A2 19930127
 Applic (No,Kind,Date): US 970162 A 19971113
 Addnl Info: 5699331 Patented; 5473584 Patented; 5526328 Patented
 National Class: * 369032000; 369047000; 369054000
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
 94-242360; G 94-342258; G 95-116722; G 95-246541; G 95-341616; G
 95-373939; G 96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
 180522P000136; 180618P000070
 Language of Document: English
 Patent (No,Kind,Date): US 5999569 A 19991207
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 61979 A 19980417; JP 9267934 A
 19920326; JP 92256070 A 19920925; US 37108 A3 19930325
 Applic (No,Kind,Date): US 61979 A 19980417
 Addnl Info: 5819000 Patented
 National Class: * 375265000; 348608000; 348607000; 348726000
 IPC: * H04L-027/28; H04L-005/12; H04L-023/02
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
 00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): US 6049651 A 20000411
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No,Kind,Date): US 64147 A 19980422; JP 9267934 A
 19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; US
 126589 A3 19930927; US 37108 A1 19930325
 Applic (No,Kind,Date): US 64147 A 19980422
 Addnl Info: 5892879 Patented; 5819000 Patented
 National Class: * 386046000; 386123000; 348726000
 IPC: * H04N-005/91; H04N-007/015; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
 94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
 00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
 00-589077; G 00-589078; G 00-595507
 JAPIO Reference No: * 180486E000144
 Language of Document: English
 Patent (No,Kind,Date): US 6052465 A 20000418
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
 REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
 FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
 MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
 SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A
 19960123
 Applic (No,Kind,Date): US 649411 A 19960516
 National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6081785 A 20000627
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION

SYSTEM AND PROGRAM LICENSE SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809; WO 96JP2924 W 19961008
 Applic (No,Kind,Date): US 849468 A 19970609
 National Class: * 705001000; 380201000; 369272000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6122373 A 20000919
 OPTICAL DISK, OPTICAL DISK BARCODE FORMING METHOD, OPTICAL DISK REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 404506 A 19990923; JP 95261247 A 19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No,Kind,Date): US 404506 A 19990923
 National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6125181 A 20000926
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 404639 A 19990923; JP 95261247 A 19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No,Kind,Date): US 404639 A 19990923
 National Class: * 380002000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6128388 A 20001003
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 401114 A 19990922; JP 95261247 A 19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No,Kind,Date): US 401114 A 19990922
 National Class: * 380059000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6141419 A 20001031
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 441338 A 19991116; JP 95261247 A 19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No,Kind,Date): US 441338 A 19991116

National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6144742 A 20001107
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 401669 A 19990922; US 649411 A3 19960516
 Applic (No,Kind,Date): US 401669 A 19990922
 Addnl Info: 6052465 Patented
 National Class: * 380004000
 IPC: * H04L-009/00
 Language of Document: English
 Patent (No,Kind,Date): US 6160888 A 20001212
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 441337 A 19991116; JP 95261247 A 19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No,Kind,Date): US 441337 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000; 705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6175629 BA 20010116
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 441357 A 19991116; JP 95261247 A 19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No,Kind,Date): US 441357 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000; 705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6208736 BA 20010327
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No,Kind,Date): US 441021 A 19991116; JP 95261247 A 19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No,Kind,Date): US 441021 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000; 705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
 Patent (No,Kind,Date): US 6229896 BA 20010508

OPTICAL DISK, AN OPTICAL BARCODE FORMING METHOD, AN OPTICAL DISK
REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
MANUFACTURING AN OPTICAL DISK (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)

Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)

Priority (No,Kind,Date): US 440782 A 19991116; JP 95261247 A
19951009; JP 968910 A 19960123; US 649411 A1 19960516

Applic (No,Kind,Date): US 440782 A 19991116

National Class: * 380203000; 380201000; 713193000; 705051000;
705057000

IPC: * H04N-007/167

Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119

Language of Document: English

Patent (No,Kind,Date): US 6243330 BA 20010605

MEDIUM, APPARATUS, AND METHOD RELATED TO ENCRYPTION RESULTANT
INFORMATION (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)

Author (Inventor): OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): US 305318 A 19990505; JP 9213809 A
19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
93205682 A 19930727; JP 9392219 A 19930325; JP 93107423 A
19930409; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
94104879 A 19940418; JP 94156089 A 19940707; US 970162 A3
19971113; US 534771 A1 19950927; US 281337 A3 19940727; US 184117
A2 19940121; US 9709 A2 19930127

Applic (No,Kind,Date): US 305318 A 19990505

Addnl Info: 5959948 Patented; 5699331 Patented; 5473584 Patented;
5526328 Patented; 5682360 Patented

National Class: * 369032000; 369047100; 369053110

IPC: * G11B-017/22

Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
96-062972; G 98-181451; G 01-018026

JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
180522P000136; 180618P000070

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 95507495	A	19950828	US REFW	CORRESPONDS TO PCT
			APPLICATION	(ENTSPRICHT PCT ANMELDUNG)
			WO 9518443	P
US 97849468	A	19970609	US REFW	CORRESPONDS TO PCT
			APPLICATION	(ENTSPRICHT PCT ANMELDUNG)
			WO 9714144	P
US 5473584	P	19920129	US AA	PRIORITY (PATENT)
			JP 9213809	A 19920129
US 5473584	P	19920228	US AA	PRIORITY (PATENT)
			JP 9242558	A 19920228
US 5473584	P	19920309	US AA	PRIORITY (PATENT)
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US 5473584	P	19920326	US AA	PRIORITY (PATENT)
			JP 9268031	A 19920326
US 5473584	P	19920430	US AA	PRIORITY (PATENT)
			JP 92111176	A 19920430
US 5473584	P	19920722	US AA	PRIORITY (PATENT)
			JP 92194450	A 19920722
US 5473584	P	19920925	US AA	PRIORITY (PATENT)
			JP 92280874	A 19920925
US 5473584	P	19930121	US AA	PRIORITY (PATENT)
			JP 938596	A 19930121
US 5473584	P	19930127	US AA	PRIORITY
			US 9709 A2	19930127
US 5473584	P	19930325	US AA	PRIORITY (PATENT)

			JP 9392219	A	19930325
US 5473584	P	19930409	US AA		PRIORITY (PATENT)
			JP 93107423	A	19930409
US 5473584	P	19930727	US AA		PRIORITY (PATENT)
			JP 93205682	A	19930727
US 5473584	P	19931102	US AA		PRIORITY (PATENT)
			JP 93297504	A	19931102
US 5473584	P	19931119	US AA		PRIORITY (PATENT)
			JP 93314114	A	19931119
US 5473584	P	19940121	US AA		PRIORITY
			US 184117	A2	19940121
US 5473584	P	19940418	US AA		PRIORITY (PATENT)
			JP 94104879	A	19940418
US 5473584	P	19940707	US AA		PRIORITY (PATENT)
			JP 94156089	A	19940707
US 5473584	P	19940727	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 281337	A	19940727
US 5473584	P	19941207	US AS02		ASSIGNMENT OF ASSIGNOR'S INTEREST
			MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.		
			1006, OAZA KADOMA KADOMA-SHI, OSAKA, JA ;		
			OSHIMA, MITSUAKI : 19940906		
US 5473584	P	19951205	US A		PATENT
US 5526328	P	19920129	US AA		PRIORITY (PATENT)
			JP 9213809	A	19920129
US 5526328	P	19920228	US AA		PRIORITY (PATENT)
			JP 9242558	A	19920228
US 5526328	P	19920309	US AA		PRIORITY (PATENT)
			JP 9250328	A	19920309
US 5526328	P	19920326	US AA		PRIORITY (PATENT)
			JP 9268031	A	19920326
US 5526328	P	19920430	US AA		PRIORITY (PATENT)
			JP 92111176	A	19920430
US 5526328	P	19920722	US AA		PRIORITY (PATENT)
			JP 92194450	A	19920722
US 5526328	P	19920925	US AA		PRIORITY (PATENT)
			JP 92280874	A	19920925
US 5526328	P	19930121	US AA		PRIORITY (PATENT)
			JP 938596	A	19930121
US 5526328	P	19930127	US AA		PRIORITY
			US 9709	A2	19930127
US 5526328	P	19930325	US AA		PRIORITY (PATENT)
			JP 9392219	A	19930325
US 5526328	P	19930409	US AA		PRIORITY (PATENT)
			JP 93107423	A	19930409
US 5526328	P	19930727	US AA		PRIORITY (PATENT)
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US 5526328	P	19931102	US AA		PRIORITY (PATENT)
			JP 93297504	A	19931102
US 5526328	P	19931119	US AA		PRIORITY (PATENT)
			JP 93314114	A	19931119
US 5526328	P	19940121	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 184117	A	19940121
US 5526328	P	19940822	US AS02		ASSIGNMENT OF ASSIGNOR'S INTEREST
			MITSUSHITA ELECTRIC INDUSTRIAL CO., LTD.		
			1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA ;		
			OSHIMA, MITSUAKI : 19940317; SHIMIZU, RYOSUKE		
			: 19940317; KOUDO, TOSHIKAZU : 19940317;		
			YOSHIURA, TSUKASA : 19940317; MAT : 19940317;		
US 5526328	P	19950516	US AS28		CORRECTED ASSIGNMENT
			MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.		
			KADOMA-SHI 1006, OAZA KADOMA OSAKA, JAP ;		
			OSHIMA, MITSUAKI : 19940317; SHIMIZU, RYOSUKE		
			: 19940317; KOUDO, TOSHIKAZU : 19940317;		
			YOSHIURA, TSUKASA : 19940317; MAT : 19940317;		

US 5526328	P	19960611	US A	PATENT
US 5555275	P	19910327	US AA	PRIORITY (PATENT)
		JP 9162798	A	19910327
US 5555275	P	19910425	US AA	PRIORITY (PATENT)
		JP 9195813	A	19910425
US 5555275	P	19910529	US AA	PRIORITY (PATENT)
		JP 91155650	A	19910529
US 5555275	P	19910723	US AA	PRIORITY (PATENT)
		JP 91182236	A	19910723
US 5555275	P	19920317	US AA	PRIORITY (PATENT)
		JP 9260739	A	19920317
US 5555275	P	19920325	US AA	PRIORITY
		US 857627	B1	19920325
US 5555275	P	19950405	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 417269	A	19950405
US 5555275	P	19960910	US A	PATENT
US 5600672	P	19910327	US AA	PRIORITY (PATENT)
		JP 9162798	A	19910327
US 5600672	P	19910425	US AA	PRIORITY (PATENT)
		JP 9195813	A	19910425
US 5600672	P	19910529	US AA	PRIORITY (PATENT)
		JP 91155650	A	19910529
US 5600672	P	19910723	US AA	PRIORITY (PATENT)
		JP 91182236	A	19910723
US 5600672	P	19920317	US AA	PRIORITY (PATENT)
		JP 9260739	A	19920317
US 5600672	P	19920325	US AA	PRIORITY
		US 857627	A2	19920325
US 5600672	P	19930510	US AA	PRIORITY (PATENT)
		JP 93132984	A	19930510
US 5600672	P	19930924	US AA	PRIORITY (PATENT)
		JP 93261612	A	19930924
US 5600672	P	19931227	US AA	PRIORITY (PATENT)
		JP 93349972	A	19931227
US 5600672	P	19940324	US AA	PRIORITY (PATENT)
		JP 9479668	A	19940324
US 5600672	P	19940510	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 240521	A	19940510
US 5600672	P	19961010	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
		MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, KADOMA OSAKA, JAPAN 571 ; OSHIMA, MITSUAKI : 19960910; SAKASHITA, SEIJI : 19960910		
US 5600672	P	19970204	US A	PATENT
US 5600672	P	19990420	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		19990204		
US 5600672	P	20001114	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20000915		
US 5600672	P	20001128	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20001012		
US 5600672	P	20001226	US RF	REISSUE APPLICATION FILED (
		REISSUE APPL. FILED)		
		20001005		
US 5600672	P	20010102	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20001012		
US 5600672	P	20010130	US RF	REISSUE APPLICATION FILED
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US 5600672	P	20010213	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20000929		

US 5600672	P	20010313	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20000925
US 5600672	P	20010403	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20000925
US 5600672	P	20010501	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20000929
US 5600672	P	20010522	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20001005
US 5600672	P	20010605	US RF	REISSUE APPLICATION FILED (REISSUE APPL. FILED) 20001005
US 5682360	P	19920129	US AA	PRIORITY (PATENT)
		JP 9213809	A	19920129
US 5682360	P	19920228	US AA	PRIORITY (PATENT)
		JP 9242558	A	19920228
US 5682360	P	19920309	US AA	PRIORITY (PATENT)
		JP 9250328	A	19920309
US 5682360	P	19920326	US AA	PRIORITY (PATENT)
		JP 9268031	A	19920326
US 5682360	P	19920430	US AA	PRIORITY (PATENT)
		JP 92111176	A	19920430
US 5682360	P	19920722	US AA	PRIORITY (PATENT)
		JP 92194450	A	19920722
US 5682360	P	19920925	US AA	PRIORITY (PATENT)
		JP 92280874	A	19920925
US 5682360	P	19930127	US AE	APPLICATION DATA (PATENT) (
		APPL. DATA (PATENT))		
		US 9709	A	19930127
US 5682360	P	19930302	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA ; OSHIMA, MITSUAKI : 19930122
US 5682360	P	19971028	US A	PATENT
US 5699331	P	19920129	US AA	PRIORITY (PATENT)
		JP 9213809	A	19920129
US 5699331	P	19920228	US AA	PRIORITY (PATENT)
		JP 9242558	A	19920228
US 5699331	P	19920309	US AA	PRIORITY (PATENT)
		JP 9250328	A	19920309
US 5699331	P	19920326	US AA	PRIORITY (PATENT)
		JP 9268031	A	19920326
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		JP 92111176	A	19920430
US 5699331	P	19920722	US AA	PRIORITY (PATENT)
		JP 92194450	A	19920722
US 5699331	P	19920925	US AA	PRIORITY (PATENT)
		JP 92280874	A	19920925
US 5699331	P	19930121	US AA	PRIORITY (PATENT)
		JP 938596	A	19930121
US 5699331	P	19930127	US AA	PRIORITY
		US 9709	A2	19930127
US 5699331	P	19930325	US AA	PRIORITY (PATENT)
		JP 9392219	A	19930325
US 5699331	P	19930409	US AA	PRIORITY (PATENT)
		JP 93107423	A	19930409
US 5699331	P	19930727	US AA	PRIORITY (PATENT)
		JP 93205682	A	19930727
US 5699331	P	19931102	US AA	PRIORITY (PATENT)
		JP 93297504	A	19931102
US 5699331	P	19931119	US AA	PRIORITY (PATENT)
		JP 93314114	A	19931119
US 5699331	P	19940121	US AA	PRIORITY
		US 184117	A2	19940121

US 5699331	P	19940418	US AA	PRIORITY (PATENT)
		JP 94104879	A	19940418
US 5699331	P	19940707	US AA	PRIORITY (PATENT)
		JP 94156089	A	19940707
US 5699331	P	19940727	US AA	PRIORITY
		US 281337	A3	19940727
US 5699331	P	19950927	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 534771	A	19950927
US 5699331	P	19971216	US A	PATENT
US 5761301	P	19941117	US AA	PRIORITY (PATENT)
		JP 94283415	A	19941117
US 5761301	P	19950202	US AA	PRIORITY (PATENT)
		JP 9516153	A	19950202
US 5761301	P	19951009	US AA	PRIORITY (PATENT)
		JP 95261247	A	19951009
US 5761301	P	19951117	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 560015	A	19951117
US 5761301	P	19960410	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
		MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. 1006, OAZA KADOMA, KADOMA-SHI OSAKA, JAP ; OSHIMA, MITSUAKI : 19960220; GOTOH, YOSHIHO : 19960220		
US 5761301	P	19980602	US A	PATENT
US 5761301	P	20000801	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20000602		
US 5802241	P	19920326	US AA	PRIORITY (PATENT)
		JP 9267934	A	19920326
US 5802241	P	19920925	US AA	PRIORITY (PATENT)
		JP 92256070	A	19920925
US 5802241	P	19930325	US AA	PRIORITY (PATENT)
		JP 9366461	A	19930325
US 5802241	P	19930325	US AA	PRIORITY
		US 37108	A2	19930325
US 5802241	P	19930510	US AA	PRIORITY (PATENT)
		JP 93132984	A	19930510
US 5802241	P	19930924	US AA	PRIORITY (PATENT)
		JP 93261612	A	19930924
US 5802241	P	19930927	US AA	PRIORITY
		US 126589	A2	19930927
US 5802241	P	19931227	US AA	PRIORITY (PATENT)
		JP 93349972	A	19931227
US 5802241	P	19940325	US AA	PRIORITY
		US 217895	B1	19940325
US 5802241	P	19960830	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 706376	A	19960830
US 5802241	P	19980901	US A	PATENT
US 5802241	P	20001226	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20001030		
US 5802241	P	20010102	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20000831		
US 5802241	P	20010403	US RF	REISSUE APPLICATION FILED
		(REISSUE APPL. FILED)		
		20001030		
US 5805551	P	19940418	US AA	PRIORITY (PATENT)
		JP 94104879	A	19940418
US 5805551	P	19940727	US AA	PRIORITY
		US 281337	A2	19940727
US 5805551	P	19941117	US AA	PRIORITY (PATENT)
		JP 94283415	A	19941117
US 5805551	P	19941228	US AA	PRIORITY (PATENT)
		JP 94327963	A	19941228

US 5805551	P	19950201	US AA		PRIORITY (PATENT)
		JP 9515318	A	19950201	
US 5805551	P	19950203	US AA		PRIORITY (PATENT)
		JP 9516865	A	19950203	
US 5805551	P	19950418	US AA		PRIORITY
		US 423668	A3	19950418	
US 5805551	P	19970425	US AE		APPLICATION DATA (PATENT) (
		APPL. DATA (PATENT))			
		US 845794	A	19970425	
US 5805551	P	19980908	US A		PATENT
US 5807640	P	19931228	US AA		PRIORITY (PATENT)
		JP 93335165	A	19931228	
US 5807640	P	19940120	US AA		PRIORITY (PATENT)
		JP 9422191	A	19940120	
US 5807640	P	19940418	US AA		PRIORITY (PATENT)
		JP 94104879	A	19940418	
US 5807640	P	19940707	US AA		PRIORITY (PATENT)
		JP 94156089	A	19940707	
US 5807640	P	19941202	US AA		PRIORITY (PATENT)
		JP 94299508	A	19941202	
US 5807640	P	19941228	US AA		PCT-APPLICATION (PCT-APPL.)
		WO 94JP2304	W	19941228	
US 5807640	P	19950828	US AE		APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))			
		US 507495	A	19950828	
US 5807640	P	19950828	US AS02		ASSIGNMENT OF ASSIGNOR'S
		INTEREST			
		MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006			
		OAZA KADOMA, KADOMA-SHI OSAKA 571, ; UENO,			
		FUMIAKI : 19950801; OSHIMA, MITSUAKI :			
		19950801			
US 5807640	P	19980915	US A		PATENT
US 5819000	P	19920326	US AA		PRIORITY (PATENT)
		JP 9267934	A	19920326	
US 5819000	P	19920925	US AA		PRIORITY (PATENT)
		JP 92256070	A	19920925	
US 5819000	P	19930325	US AE		APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))			
		US 37108	A	19930325	
US 5819000	P	19930608	US AS02		ASSIGNMENT OF ASSIGNOR'S
		INTEREST			
		MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.			
		1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA ;			
		OSHIMA, MITSUAKI : 19930413			
US 5819000	P	19981006	US A		PATENT
US 5819000	P	19990914	US CC		CERTIFICATE OF CORRECTION
US 5881038	P	19940418	US AA		PRIORITY (PATENT)
		JP 94104879	A	19940418	
US 5881038	P	19940727	US AA		PRIORITY
		US 281337	A2	19940727	
US 5881038	P	19941117	US AA		PRIORITY (PATENT)
		JP 94283415	A	19941117	
US 5881038	P	19941228	US AA		PRIORITY (PATENT)
		JP 94327963	A	19941228	
US 5881038	P	19950201	US AA		PRIORITY (PATENT)
		JP 9515318	A	19950201	
US 5881038	P	19950203	US AA		PRIORITY (PATENT)
		JP 9516865	A	19950203	
US 5881038	P	19950418	US AE		APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))			
		US 423668	A	19950418	
US 5881038	P	19951004	US AS02		ASSIGNMENT OF ASSIGNOR'S
		INTEREST			
		MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006			
		OAZA KADOMA KADOMA-SHI, OSAKA 571, ; OSHIMA,			
		MITSUAKI : 19950412; GOTOH, YOSHIHO :			
		19950412			
US 5881038	P	19990309	US A		PATENT

US 5881038	P	20000125	US CC	CERTIFICATE OF CORRECTION
US 5892879	P	19920326	US AA	PRIORITY (PATENT)
		JP 9267934	A	19920326
US 5892879	P	19920925	US AA	PRIORITY (PATENT)
		JP 92256070	A	19920925
US 5892879	P	19930325	US AA	PRIORITY (PATENT)
		JP 9366461	A	19930325
US 5892879	P	19930325	US AA	PRIORITY
		US 37108	A2	19930325
US 5892879	P	19930510	US AA	PRIORITY (PATENT)
		JP 93132984	A	19930510
US 5892879	P	19930927	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 126589	A	19930927
US 5892879	P	19940106	US AS02	ASSIGNMENT OF ASSIGNOR'S INTEREST
		MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.		
		1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA ;		
		OSHIMA, MITSUAKI : 19931013		
US 5892879	P	19990406	US A	PATENT
US 5959948	P	19920129	US AA	PRIORITY (PATENT)
		JP 9213809	A	19920129
US 5959948	P	19920228	US AA	PRIORITY (PATENT)
		JP 9242558	A	19920228
US 5959948	P	19920309	US AA	PRIORITY (PATENT)
		JP 9250328	A	19920309
US 5959948	P	19920326	US AA	PRIORITY (PATENT)
		JP 9268031	A	19920326
US 5959948	P	19920430	US AA	PRIORITY (PATENT)
		JP 92111176	A	19920430
US 5959948	P	19920722	US AA	PRIORITY (PATENT)
		JP 92194450	A	19920722
US 5959948	P	19920925	US AA	PRIORITY (PATENT)
		JP 92280874	A	19920925
US 5959948	P	19930121	US AA	PRIORITY (PATENT)
		JP 938596	A	19930121
US 5959948	P	19930127	US AA	PRIORITY
		US 9709	A2	19930127
US 5959948	P	19930325	US AA	PRIORITY (PATENT)
		JP 9392219	A	19930325
US 5959948	P	19930409	US AA	PRIORITY (PATENT)
		JP 93107423	A	19930409
US 5959948	P	19930727	US AA	PRIORITY (PATENT)
		JP 93205682	A	19930727
US 5959948	P	19931102	US AA	PRIORITY (PATENT)
		JP 93297504	A	19931102
US 5959948	P	19931119	US AA	PRIORITY (PATENT)
		JP 93314114	A	19931119
US 5959948	P	19931227	US AA	PRIORITY (PATENT)
		JP 93349972	A	19931227
US 5959948	P	19940121	US AA	PRIORITY
		US 184117	A2	19940121
US 5959948	P	19940418	US AA	PRIORITY (PATENT)
		JP 94104879	A	19940418
US 5959948	P	19940707	US AA	PRIORITY (PATENT)
		JP 94156089	A	19940707
US 5959948	P	19940727	US AA	PRIORITY
		US 281337	A3	19940727
US 5959948	P	19950927	US AA	PRIORITY
		US 534771	A1	19950927
US 5959948	P	19971113	US AE	APPLICATION DATA (PATENT)
		(APPL. DATA (PATENT))		
		US 970162	A	19971113
US 5959948	P	19990928	US A	PATENT
US 5959948	P	20001114	US CC	CERTIFICATE OF CORRECTION
US 5999569	P	19920326	US AA	PRIORITY (PATENT)
		JP 9267934	A	19920326
US 5999569	P	19920925	US AA	PRIORITY (PATENT)

			JP 92256070	A	19920925
US 5999569	P	19930325	US AA		PRIORITY
			US 37108	A3	19930325
US 5999569	P	19980417	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 61979	A	19980417
US 5999569	P	19991207	US A		PATENT
US 6049651	P	19920326	US AA		PRIORITY (PATENT)
			JP 9267934	A	19920326
US 6049651	P	19920925	US AA		PRIORITY (PATENT)
			JP 92256070	A	19920925
US 6049651	P	19930325	US AA		PRIORITY (PATENT)
			JP 9366461	A	19930325
US 6049651	P	19930325	US AA		PRIORITY
			US 37108	A1	19930325
US 6049651	P	19930927	US AA		PRIORITY
			US 126589	A3	19930927
US 6049651	P	19980422	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 64147	A	19980422
US 6049651	P	20000411	US A		PATENT
US 6049651	P	20010403	US CC		CERTIFICATE OF CORRECTION
US 6052465	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 6052465	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 6052465	P	19960516	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 649411	A	19960516
US 6052465	P	20000418	US A		PATENT
US 6081785	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 6081785	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 6081785	P	19960809	US AA		PRIORITY (PATENT)
			JP 96211304	A	19960809
US 6081785	P	19961008	US AA		PCT-APPLICATION (PCT-APPL.)
			WO 96JP2924	W	19961008
US 6081785	P	19970609	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 849468	A	19970609
US 6081785	P	20000627	US A		PATENT
US 6122373	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 6122373	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 6122373	P	19960516	US AA		PRIORITY
			US 649411	A3	19960516
US 6122373	P	19990923	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 404506	A	19990923
US 6122373	P	20000919	US A		PATENT
US 6125181	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 6125181	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 6125181	P	19960516	US AA		PRIORITY
			US 649411	A3	19960516
US 6125181	P	19990923	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 404639	A	19990923
US 6125181	P	20000926	US A		PATENT
US 6128388	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 6128388	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 6128388	P	19960516	US AA		PRIORITY

			US 649411	A3	19960516
US 6128388	P	19990922	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 401114	A	19990922
US 6128388	P	20001003	US A		PATENT
US 6141419	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 6141419	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 6141419	P	19960516	US AA		PRIORITY
			US 649411	A1	19960516
US 6141419	P	19991116	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 441338	A	19991116
US 6141419	P	20001031	US A		PATENT
US 6144742	P	19960516	US AA		PRIORITY
			US 649411	A3	19960516
US 6144742	P	19990922	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 401669	A	19990922
US 6144742	P	20001107	US A		PATENT
US 6160888	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 6160888	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 6160888	P	19960516	US AA		PRIORITY
			US 649411	A1	19960516
US 6160888	P	19991116	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 441337	A	19991116
US 6160888	P	20001212	US A		PATENT
US 6175629	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 6175629	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 6175629	P	19960516	US AA		PRIORITY
			US 649411	A1	19960516
US 6175629	P	19991116	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 441357	A	19991116
US 6175629	P	20010116	US BA		PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)
US 6208736	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 6208736	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 6208736	P	19960516	US AA		PRIORITY (CONTINUATION)
			US 649411	A1	19960516
US 6208736	P	19991116	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 441021	A	19991116
US 6208736	P	20010327	US BA		PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)
US 6229896	P	19951009	US AA		PRIORITY (PATENT)
			JP 95261247	A	19951009
US 6229896	P	19960123	US AA		PRIORITY (PATENT)
			JP 968910	A	19960123
US 6229896	P	19960516	US AA		PRIORITY (CONTINUATION)
			US 649411	A1	19960516
US 6229896	P	19991116	US AE		APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))		
			US 440782	A	19991116
US 6229896	P	20010508	US BA		PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)
US 6243330	P	19920129	US AA		PRIORITY (PATENT)
			JP 9213809	A	19920129
US 6243330	P	19920228	US AA		PRIORITY (PATENT)
			JP 9242558	A	19920228

US 6243330	P	19920309	US AA	PRIORITY (PATENT)
			JP 9250328 A	19920309
US 6243330	P	19920326	US AA	PRIORITY (PATENT)
			JP 9268031 A	19920326
US 6243330	P	19920430	US AA	PRIORITY (PATENT)
			JP 92111176 A	19920430
US 6243330	P	19920722	US AA	PRIORITY (PATENT)
			JP 92194450 A	19920722
US 6243330	P	19920925	US AA	PRIORITY (PATENT)
			JP 92280874 A	19920925
US 6243330	P	19930121	US AA	PRIORITY (PATENT)
			JP 938596 A	19930121
US 6243330	P	19930127	US AA	PRIORITY (CONTINUATION IN PART)
			US 9709 A2	19930127
US 6243330	P	19930325	US AA	PRIORITY (PATENT)
			JP 9392219 A	19930325
US 6243330	P	19930409	US AA	PRIORITY (PATENT)
			JP 93107423 A	19930409
US 6243330	P	19930727	US AA	PRIORITY (PATENT)
			JP 93205682 A	19930727
US 6243330	P	19931102	US AA	PRIORITY (PATENT)
			JP 93297504 A	19931102
US 6243330	P	19931119	US AA	PRIORITY (PATENT)
			JP 93314114 A	19931119
US 6243330	P	19940121	US AA	PRIORITY (CONTINUATION IN PART)
			US 184117 A2	19940121
US 6243330	P	19940418	US AA	PRIORITY (PATENT)
			JP 94104879 A	19940418
US 6243330	P	19940707	US AA	PRIORITY (PATENT)
			JP 94156089 A	19940707
US 6243330	P	19940727	US AA	PRIORITY (DIVISION)
			US 281337 A3	19940727
US 6243330	P	19950927	US AA	PRIORITY (CONTINUATION)
			US 534771 A1	19950927
US 6243330	P	19971113	US AA	PRIORITY (DIVISION)
			US 970162 A3	19971113
US 6243330	P	19990505	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 305318 A	19990505
US 6243330	P	20010605	US BA	PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)

WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)

Patent (No,Kind,Date): WO 9518443 A1 19950706

OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK, REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)

Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)

Priority (No,Kind,Date): JP 93335165 A 19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP 94156089 A 19940707; JP 94299508 A 19941202

Applic (No,Kind,Date): WO 94JP2304 A 19941228

Designated States: (National) CN; KR; US (Regional) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE

Filing Details: WO 100000 With international search report

IPC: * G11B-007/007; G11B-020/12; G11B-013/04; G11B-007/00; G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10

Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 01-018026; G 95-246541

Language of Document: Japanese

Patent (No,Kind,Date): WO 9528704 A1 19951026

METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English)

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI; GOTOH YOSHIHO
 Priority (No,Kind,Date): JP 94104879 A 19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP 9515318 A 19950201; JP 9516865 A 19950203
 Applic (No,Kind,Date): WO 95JP760 A 19950418
 Designated States: (National) CN; KR (Regional) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 120000 With international search report; With amended claims and statement
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G 96-268785; G 01-018026; G 95-373939
 Language of Document: Japanese
 Patent (No,Kind,Date): WO 9616401 A1 19960530
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK PRODUCING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI; GOTOH YOSHIHO
 Priority (No,Kind,Date): JP 94283415 A 19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
 Applic (No,Kind,Date): WO 95JP2339 A 19951116
 Designated States: (National) CN; JP; KR; MX (Regional) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 100000 With international search report
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G 97-236119; G 96-268785
 Language of Document: Japanese
 Patent (No,Kind,Date): WO 9714144 A1 19970417
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP)
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No,Kind,Date): WO 96JP2924 A 19961008
 Designated States: (National) CN; JP; KR; US (Regional) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 100000 With international search report
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119; G 97-236117
 Language of Document: Japanese
 Patent (No,Kind,Date): WO 9714146 A1 19970417
 OPTICAL DISK, BAR CODE FORMATION METHOD FOR OPTICAL DISK, OPTICAL DISK REPRODUCTION APPARATUS, AND MARKING METHOD, LASER MARKING METHOD FOR OPTICAL DISK, AND METHOD OF OPTICAL DISK PRODUCTION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO; OSHIMA MITSUAKI; TANAKA SHINICHI; KOISHI KENJI; MORIYA MITSUROU
 Priority (No,Kind,Date): JP 95261247 A 19951009; JP 968910 A 19960123
 Applic (No,Kind,Date): WO 96JP1303 A 19960515
 Designated States: (National) CN; JP; KR; MX; SG; VN (Regional) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 100000 With international search report
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119; G 97-236119
 Language of Document: Japanese

Patent (No,Kind,Date): WO 9827553 A1 19980625
 OPTICAL DISK, METHOD FOR RECORDING AND REPRODUCING WRITE-ONCE
 INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING
 DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR
 RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK
 RECORDING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); OSHIMA MITSUAKI
 (JP); KONISHI SHINICHI (JP); TANAKA SHIN ICHI (JP); KOISHI KENJI
 (JP); MORIYA MITSUROU (JP); GOTOH YOSHIHO (JP); TAKEMURA
 YOSHINARI (JP); MIYATAKE NORIO (JP); MURAKAMI MOTOYOSHI (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KONISHI SHINICHI (JP);
 TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP);
 GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
 MURAKAMI MOTOYOSHI (JP)
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WO 9518443	P	19931228	WO AA	PRIORITY (PATENT)
			JP 93335165 A	19931228
WO 9518443	P	19940120	WO AA	PRIORITY (PATENT)
			JP 9422191 A	19940120
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			JP 94299508 A	19941202
WO 9518443	P	19941228	WO AE	APPLICATION DATA (APPL.
			DATA)	
			WO 94JP2304 A	19941228
WO 9518443	P	19950706	WO AK	DESIGNATED STATES CITED IN A
				PUBLISHED APPLICATION WITH SEARCH REPORT
				(DESIGNATED STATES CITED IN A PUBLISHED APPL.
				WITH SEARCH REPORT)
			CN KR US	
WO 9518443	P	19950706	WO AL	DESIGNATED COUNTRIES FOR
				REGIONAL PATENTS CITED IN A PUBLISHED
				APPLICATION WITH SEARCH REPORT (DESIGNATED
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				PUBLISHED APPL. WITH SEARCH REPORT)
			AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT	
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WO 9518443	P	19950706	WO A1	PUBLICATION OF THE
				INTERNATIONAL APPLICATION WITH THE
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WO 9518443	P	19950828	WO ENP	ENTRY INTO THE NATIONAL
				PHASE IN:
			US 507495 A	19950828
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LEVEL 1 - 1 OF 1 PATENT

5,802,241

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Sep. 1, 1998

Communication system

REISSUE: Reissue Application filed Oct. 30, 2000 (O.G. Apr. 3, 2001) Ex. Gp.:
2712; Re. S.N. 09/698,367

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Re. S.N. 09/698,367

CORE TERMS: stream, digital, carrier, transmitter, video, reproduced, decoder,
channel, input, multi-level...

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5802241 OR 5,802,241

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1/5 LGST (1/1) - (C) LEGSTAT
PN - US 5802241 [US5802241]
AP - US 706376/96 19960830 [1996US-0706376]
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- 19980901 US/A
PATENT
- 20001226 US/RF
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20001030
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20001030
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PT - E (Electrical)
ACT - 20000831 REISSUE REQUESTED
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REISSUE REQUEST NUMBER: 09/653482
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3/5 PAST (1/3) - (C) PAST
AN - 200114-001929
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OG - 2001-04-03
CO - REA
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SH - REISSUE APPLICATION FILED

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DT - A (UTILITY)
OG - 2000-12-26
CO - REA
ACT - REISSUE APPLICATION FILED
SH - REISSUE APPLICATION FILED